

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080683.D
 Acq On : 12 Jan 2024 12:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/15/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jan 12 22:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	167344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139232	47.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	8.165	113	99750	51.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	10.565	98	406072	55.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.320%
62) 4-Bromofluorobenzene	12.847	95	144428	51.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	128038	47.095	ug/l	97
3) Chloromethane	2.359	50	172942	56.271	ug/l	99
4) Vinyl Chloride	2.512	62	132762	53.823	ug/l	98
5) Bromomethane	2.947	94	48041	51.241	ug/l	95
6) Chloroethane	3.118	64	70313	53.180	ug/l	97
7) Trichlorofluoromethane	3.494	101	185053	45.429	ug/l	98
8) Diethyl Ether	3.953	74	90078	50.600	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	110179	49.626	ug/l	93
10) Methyl Iodide	4.583	142	96026	51.724	ug/l	92
11) Tert butyl alcohol	5.506	59	108809	218.934	ug/l	98
12) 1,1-Dichloroethene	4.336	96	117865	47.175	ug/l	82
13) Acrolein	4.171	56	96591	232.602	ug/l	97
14) Allyl chloride	5.024	41	229578	46.354	ug/l #	92
15) Acrylonitrile	5.712	53	321410	247.653	ug/l	100
16) Acetone	4.418	43	187810	194.661	ug/l	97
17) Carbon Disulfide	4.712	76	372619	48.761	ug/l	98
18) Methyl Acetate	5.012	43	145195	50.538	ug/l #	81
19) Methyl tert-butyl Ether	5.788	73	419564	48.734	ug/l #	89
20) Methylene Chloride	5.271	84	134794	47.858	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	130378	51.447	ug/l #	77
22) Diisopropyl ether	6.671	45	500001	53.537	ug/l #	89
23) Vinyl Acetate	6.600	43	1947108	256.151	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	265701	51.972	ug/l	97
25) 2-Butanone	7.482	43	391609	224.551	ug/l #	80
26) 2,2-Dichloropropane	7.482	77	220515	49.320	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	145544	52.097	ug/l	75
28) Bromochloromethane	7.812	49	129472	54.172	ug/l #	61
29) Tetrahydrofuran	7.835	42	289468	246.257	ug/l #	71
30) Chloroform	7.965	83	246190	51.368	ug/l	92
31) Cyclohexane	8.253	56	225978	49.773	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	208037	48.763	ug/l	92
36) 1,1-Dichloropropene	8.371	75	190559	48.181	ug/l	95
37) Ethyl Acetate	7.559	43	176419	46.000	ug/l #	91
38) Carbon Tetrachloride	8.359	117	162294	45.702	ug/l	97
39) Methylcyclohexane	9.600	83	194267	51.327	ug/l #	79
40) Benzene	8.606	78	585379	52.649	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080683.D
 Acq On : 12 Jan 2024 12:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John
 Carlone

01/15/2024

Supervised By :Mahesh
 Dadoda

01/15/2024

Quant Time: Jan 12 22:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	104682	47.056	ug/l	#	81
42) 1,2-Dichloroethane	8.665	62	191694	45.035	ug/l		98
43) Isopropyl Acetate	8.682	43	340876	48.353	ug/l	#	89
44) Trichloroethene	9.353	130	124193	49.341	ug/l		90
45) 1,2-Dichloropropane	9.618	63	153386	52.036	ug/l		98
46) Dibromomethane	9.706	93	90683	48.624	ug/l		94
47) Bromodichloromethane	9.888	83	191160	46.181	ug/l	#	99
48) Methyl methacrylate	9.676	41	158133	47.378	ug/l	#	76
49) 1,4-Dioxane	9.688	88	38046	914.843	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.441	43	901497	237.036	ug/l		87
52) Toluene	10.629	92	338485	53.135	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	229562	49.965	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	248744	51.053	ug/l	#	83
55) 1,1,2-Trichloroethane	11.018	97	127221	51.885	ug/l		92
56) Ethyl methacrylate	10.876	69	223122	50.805	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	232970	52.045	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	560083	266.260	ug/l	#	85
59) 2-Hexanone	11.194	43	658717	234.621	ug/l		85
60) Dibromochloromethane	11.359	129	123096	48.848	ug/l		97
61) 1,2-Dibromoethane	11.470	107	122241	50.716	ug/l		97
64) Tetrachloroethene	11.106	164	97742	50.058	ug/l		98
65) Chlorobenzene	11.894	112	327893	52.785	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	111364	50.494	ug/l		98
67) Ethyl Benzene	11.965	91	625255	52.712	ug/l		92
68) m/p-Xylenes	12.070	106	447278	107.256	ug/l		90
69) o-Xylene	12.400	106	222713	54.621	ug/l		91
70) Styrene	12.412	104	367553	53.085	ug/l		94
71) Bromoform	12.582	173	75425	49.709	ug/l	#	99
73) Isopropylbenzene	12.694	105	544955	52.256	ug/l		99
74) N-amyl acetate	12.494	43	305424	48.802	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	169596	49.576	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	153688m	45.447	ug/l		
77) Bromobenzene	12.982	156	111262	50.231	ug/l		75
78) n-propylbenzene	13.035	91	666948	52.134	ug/l		95
79) 2-Chlorotoluene	13.129	91	404577	49.347	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	436323	50.203	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	76531	53.350	ug/l	#	67
82) 4-Chlorotoluene	13.223	91	404718	50.354	ug/l		94
83) tert-Butylbenzene	13.441	119	346618	49.887	ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	437994	51.251	ug/l		99
85) sec-Butylbenzene	13.617	105	514163	52.083	ug/l		97
86) p-Isopropyltoluene	13.729	119	395753	50.759	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	196156	49.581	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	204384	50.710	ug/l		96
89) n-Butylbenzene	14.059	91	398364	53.008	ug/l		96
90) Hexachloroethane	14.335	117	71659	49.559	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	194301	52.118	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33193	42.336	ug/l		82
93) 1,2,4-Trichlorobenzene	15.394	180	96798	49.855	ug/l		96
94) Hexachlorobutadiene	15.505	225	40943	43.940	ug/l		97
95) Naphthalene	15.641	128	363046	47.511	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	91225	48.540	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080683.D
Acq On : 12 Jan 2024 12:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 22:09:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

