

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083020.D
 Acq On : 24 Jul 2024 09:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 02:33:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/25/2024
 Supervised By : Mahesh Dadoda 07/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122847	47.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.360%
35) Dibromofluoromethane	8.171	113	97613	49.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	10.571	98	355697	48.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.853	95	121543	46.564	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	118643	49.334	ug/l	100
3) Chloromethane	2.359	50	94596	41.477	ug/l	99
4) Vinyl Chloride	2.512	62	115018	48.018	ug/l	97
5) Bromomethane	2.936	94	77344	44.785	ug/l	99
6) Chloroethane	3.112	64	90317	55.100	ug/l	99
7) Trichlorofluoromethane	3.489	101	191760	55.661	ug/l	94
8) Diethyl Ether	3.965	74	62063	52.638	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	113256	58.085	ug/l	98
10) Methyl Iodide	4.589	142	104283	52.166	ug/l	97
11) Tert butyl alcohol	5.524	59	110701	252.761	ug/l	99
12) 1,1-Dichloroethene	4.336	96	97096	51.204	ug/l	86
13) Acrolein	4.177	56	60755	192.141	ug/l	99
14) Allyl chloride	5.024	41	139498	47.181	ug/l #	88
15) Acrylonitrile	5.718	53	264269	262.558	ug/l	100
16) Acetone	4.424	43	253538	276.553	ug/l	98
17) Carbon Disulfide	4.712	76	251216	44.334	ug/l	100
18) Methyl Acetate	5.024	43	157786	65.043	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	361528	55.269	ug/l	99
20) Methylene Chloride	5.277	84	121048	54.673	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	105684	51.436	ug/l	87
22) Diisopropyl ether	6.671	45	361619	58.461	ug/l #	93
23) Vinyl Acetate	6.600	43	1318558	268.425	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	217095	57.860	ug/l	97
25) 2-Butanone	7.483	43	362167	261.627	ug/l	94
26) 2,2-Dichloropropane	7.489	77	209799	60.139	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135502	56.330	ug/l	90
28) Bromochloromethane	7.812	49	83200	51.690	ug/l #	80
29) Tetrahydrofuran	7.841	42	226279	259.648	ug/l #	85
30) Chloroform	7.965	83	238372	59.886	ug/l	97
31) Cyclohexane	8.259	56	157386	46.231	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	212382	57.468	ug/l	95
36) 1,1-Dichloropropene	8.371	75	154507	56.959	ug/l	99
37) Ethyl Acetate	7.559	43	142710	51.675	ug/l	96
38) Carbon Tetrachloride	8.365	117	181753	55.649	ug/l	95
39) Methylcyclohexane	9.606	83	151738	51.786	ug/l	91
40) Benzene	8.606	78	483282	57.920	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083020.D
 Acq On : 24 Jul 2024 09:42
 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 07/25/2024
 Supervised By : Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:33:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79543	53.463	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	180997	60.255	ug/l	98
43) Isopropyl Acetate	8.688	43	274310	52.847	ug/l #	95
44) Trichloroethene	9.353	130	114565	53.593	ug/l	100
45) 1,2-Dichloropropane	9.618	63	125014	64.175	ug/l	100
46) Dibromomethane	9.712	93	90879	59.883	ug/l	99
47) Bromodichloromethane	9.888	83	192080	61.256	ug/l	98
48) Methyl methacrylate	9.682	41	117852	54.424	ug/l #	84
49) 1,4-Dioxane	9.700	88	44550	944.553	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	777636	284.031	ug/l	95
52) Toluene	10.629	92	308788	59.243	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	193926	60.033	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	201176	58.836	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	122991	64.170	ug/l	93
56) Ethyl methacrylate	10.877	69	181972	61.025	ug/l	87
57) 1,3-Dichloropropane	11.165	76	203360	59.941	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	472871	309.045	ug/l	96
59) 2-Hexanone	11.194	43	583394	286.603	ug/l	94
60) Dibromochloromethane	11.359	129	148914	61.001	ug/l	99
61) 1,2-Dibromoethane	11.471	107	117795	57.873	ug/l	98
64) Tetrachloroethene	11.106	164	106015	49.829	ug/l	98
65) Chlorobenzene	11.894	112	342780	56.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	128374	59.060	ug/l	99
67) Ethyl Benzene	11.965	91	587694	57.222	ug/l	97
68) m/p-Xylenes	12.071	106	458132	118.152	ug/l	97
69) o-Xylene	12.400	106	216027	58.145	ug/l	97
70) Styrene	12.412	104	386774	63.005	ug/l	97
71) Bromoform	12.582	173	98843	57.823	ug/l #	98
73) Isopropylbenzene	12.700	105	553572	52.923	ug/l	98
74) N-amyl acetate	12.494	43	225984	52.231	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	167949	53.613	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148243m	59.733	ug/l	
77) Bromobenzene	12.982	156	141153	52.309	ug/l	93
78) n-propylbenzene	13.035	91	672461	55.915	ug/l	99
79) 2-Chlorotoluene	13.123	91	398112	51.954	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	466796	55.210	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	63197	50.082	ug/l	99
82) 4-Chlorotoluene	13.223	91	409351	53.971	ug/l	97
83) tert-Butylbenzene	13.441	119	397501	53.030	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	476721	55.320	ug/l	100
85) sec-Butylbenzene	13.618	105	556876	54.977	ug/l	99
86) p-Isopropyltoluene	13.729	119	469614	55.568	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	261232	53.589	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	259084	51.392	ug/l	100
89) n-Butylbenzene	14.059	91	397597	54.915	ug/l	98
90) Hexachloroethane	14.335	117	92502	51.729	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	252948	53.443	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32359	44.650	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	126370	49.568	ug/l	99
94) Hexachlorobutadiene	15.506	225	52648	46.583	ug/l	98
95) Naphthalene	15.641	128	409637	46.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	126818	48.379	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
Data File : VN083020.D
Acq On : 24 Jul 2024 09:42
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 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:33:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

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

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

