

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082782.D
 Acq On : 02 Jul 2024 10:26
 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

Quant Time: Jul 03 00:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

07/03/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91176	41.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.680%
35) Dibromofluoromethane	8.171	113	71444	44.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.140%
50) Toluene-d8	10.565	98	252545	42.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.260%#
62) 4-Bromofluorobenzene	12.853	95	98139	47.669	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	91431	41.880	ug/l	98
3) Chloromethane	2.359	50	82893	36.276	ug/l	99
4) Vinyl Chloride	2.518	62	141086	58.269	ug/l	98
5) Bromomethane	2.954	94	57972	33.653	ug/l	92
6) Chloroethane	3.118	64	57365	33.590	ug/l	99
7) Trichlorofluoromethane	3.501	101	126312	42.085	ug/l	96
8) Diethyl Ether	3.959	74	54427	57.982	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	77966	45.533	ug/l	98
10) Methyl Iodide	4.589	142	94972	60.490	ug/l	97
11) Tert butyl alcohol	5.518	59	81446	231.193	ug/l	98
12) 1,1-Dichloroethene	4.342	96	73861	46.243	ug/l	88
13) Acrolein	4.177	56	65085	303.699	ug/l	97
14) Allyl chloride	5.024	41	114699	47.794	ug/l #	94
15) Acrylonitrile	5.718	53	205501	219.296	ug/l	99
16) Acetone	4.424	43	177850	212.840	ug/l	96
17) Carbon Disulfide	4.712	76	190733	36.461	ug/l	99
18) Methyl Acetate	5.030	43	90952	40.944	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	291054	54.959	ug/l	95
20) Methylene Chloride	5.271	84	88983	42.083	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	79394	46.064	ug/l	87
22) Diisopropyl ether	6.671	45	271316	48.595	ug/l #	95
23) Vinyl Acetate	6.600	43	1111461	249.327	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	156886	46.284	ug/l	98
25) 2-Butanone	7.483	43	272498	213.452	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	143342	65.914	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	102676	50.631	ug/l	88
28) Bromochloromethane	7.812	49	62852	42.394	ug/l #	78
29) Tetrahydrofuran	7.836	42	176510	214.418	ug/l #	84
30) Chloroform	7.965	83	167240	46.279	ug/l	98
31) Cyclohexane	8.259	56	121242	39.016	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	147654	46.278	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112284	48.733	ug/l	98
37) Ethyl Acetate	7.559	43	116026	46.592	ug/l #	94
38) Carbon Tetrachloride	8.365	117	130557	48.448	ug/l	99
39) Methylcyclohexane	9.600	83	115713	48.371	ug/l	92
40) Benzene	8.606	78	349431	46.230	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082782.D
 Acq On : 02 Jul 2024 10:26
 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

07/03/2024

Supervised By :Mahesh
 Dadoda

Quant Time: Jul 03 00:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63488	49.444	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	131023	48.273	ug/l	97
43) Isopropyl Acetate	8.688	43	221578	50.910	ug/l #	95
44) Trichloroethene	9.353	130	87428	49.819	ug/l	99
45) 1,2-Dichloropropane	9.618	63	87122	47.559	ug/l	99
46) Dibromomethane	9.712	93	67509	50.453	ug/l	97
47) Bromodichloromethane	9.888	83	137548	50.448	ug/l	100
48) Methyl methacrylate	9.682	41	95414	49.787	ug/l #	88
49) 1,4-Dioxane	9.694	88	37358	976.768	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	586922	230.430	ug/l	92
52) Toluene	10.629	92	228148	51.403	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	149170	57.846	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153813	56.733	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	89855	52.210	ug/l	95
56) Ethyl methacrylate	10.877	69	149087	57.597	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	152088	50.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	327336	251.016	ug/l	94
59) 2-Hexanone	11.194	43	439732	232.834	ug/l	91
60) Dibromochloromethane	11.359	129	112491	53.894	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93108	51.491	ug/l	99
64) Tetrachloroethene	11.106	164	83080	49.463	ug/l	98
65) Chlorobenzene	11.894	112	256485	50.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93701	53.607	ug/l	99
67) Ethyl Benzene	11.965	91	438315	52.804	ug/l	98
68) m/p-Xylenes	12.071	106	337339	109.223	ug/l	97
69) o-Xylene	12.400	106	165166	55.490	ug/l	97
70) Styrene	12.412	104	288355	57.063	ug/l	98
71) Bromoform	12.582	173	77582	56.755	ug/l #	100
73) Isopropylbenzene	12.694	105	410359	53.190	ug/l	99
74) N-amyl acetate	12.494	43	183659	53.336	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	120550	44.535	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111062m	48.133	ug/l	
77) Bromobenzene	12.982	156	106245	55.415	ug/l	92
78) n-propylbenzene	13.035	91	472574	51.876	ug/l	99
79) 2-Chlorotoluene	13.123	91	296863	51.998	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	339280	53.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50560	57.145	ug/l	96
82) 4-Chlorotoluene	13.223	91	298684	53.018	ug/l	98
83) tert-Butylbenzene	13.441	119	292708	54.882	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	348871	55.694	ug/l	99
85) sec-Butylbenzene	13.618	105	395927	52.981	ug/l	98
86) p-Isopropyltoluene	13.729	119	336022	56.121	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	187649	51.113	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	188304	49.279	ug/l	99
89) n-Butylbenzene	14.059	91	285044	53.762	ug/l	98
90) Hexachloroethane	14.335	117	63978	48.123	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	183341	52.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25914	50.815	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	105601	62.040	ug/l	99
94) Hexachlorobutadiene	15.500	225	39711	51.577	ug/l	98
95) Naphthalene	15.641	128	368241	65.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104162	57.382	ug/l	97

07/03/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
Data File : VN082782.D
Acq On : 02 Jul 2024 10:26
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:28:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/03/2024
Supervised By :Mahesh
Dadoda

07/03/2024

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

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

