

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076196.D
 Acq On : 11 Jan 2023 09:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	409612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	646773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	589916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199337	44.733	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.460%		
35) Dibromofluoromethane	8.171	113	187495	46.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	10.571	98	677826	45.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.520%		
62) 4-Bromofluorobenzene	12.853	95	251489	50.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	193020	66.367	ug/l	99
3) Chloromethane	2.371	50	191043	52.825	ug/l	99
4) Vinyl Chloride	2.530	62	224820	52.114	ug/l	98
5) Bromomethane	2.953	94	176843	48.235	ug/l	95
6) Chloroethane	3.124	64	153620	48.087	ug/l	98
7) Trichlorofluoromethane	3.506	101	331169	50.591	ug/l	93
8) Diethyl Ether	3.971	74	119775	50.097	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	194262	51.971	ug/l	99
10) Methyl Iodide	4.600	142	300834	49.592	ug/l	100
11) Tert butyl alcohol	5.536	59	133985	212.490	ug/l	100
12) 1,1-Dichloroethene	4.353	96	179441	49.428	ug/l	99
13) Acrolein	4.189	56	123658	159.965	ug/l	99
14) Allyl chloride	5.036	41	212115	49.982	ug/l	92
15) Acrylonitrile	5.724	53	406904	236.472	ug/l	98
16) Acetone	4.436	43	391347	254.760	ug/l	98
17) Carbon Disulfide	4.724	76	410548	46.707	ug/l	99
18) Methyl Acetate	5.036	43	226319	49.842	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	622479	52.068	ug/l	94
20) Methylene Chloride	5.283	84	206730	50.312	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	193427	48.651	ug/l	99
22) Diisopropyl ether	6.683	45	525402	50.963	ug/l	100
23) Vinyl Acetate	6.612	43	1701348	245.187	ug/l	100
24) 1,1-Dichloroethane	6.577	63	336312	48.914	ug/l	99
25) 2-Butanone	7.488	43	535146	248.804	ug/l	97
26) 2,2-Dichloropropane	7.500	77	291356	50.039	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	235401	49.506	ug/l	97
28) Bromochloromethane	7.818	49	126798	42.076	ug/l	98
29) Tetrahydrofuran	7.841	42	327739	243.149	ug/l	98
30) Chloroform	7.971	83	370885	47.911	ug/l	97
31) Cyclohexane	8.259	56	292864	45.889	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	339817	49.514	ug/l	98
36) 1,1-Dichloropropene	8.377	75	270894	50.913	ug/l	99
37) Ethyl Acetate	7.565	43	207803	48.622	ug/l	98
38) Carbon Tetrachloride	8.365	117	303462	50.958	ug/l	99
39) Methylcyclohexane	9.606	83	348529	54.296	ug/l	94
40) Benzene	8.612	78	814412	49.610	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076196.D
 Acq On : 11 Jan 2023 09:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 12 00:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	115106	51.814	ug/l	97
42) 1,2-Dichloroethane	8.671	62	266081	48.753	ug/l	100
43) Isopropyl Acetate	8.688	43	360208	51.093	ug/l	99
44) Trichloroethene	9.353	130	226431	48.960	ug/l	97
45) 1,2-Dichloropropane	9.624	63	197834	49.522	ug/l	99
46) Dibromomethane	9.712	93	146658	49.497	ug/l	99
47) Bromodichloromethane	9.888	83	292438	50.329	ug/l	98
48) Methyl methacrylate	9.682	41	168261	52.991	ug/l	99
49) 1,4-Dioxane	9.694	88	72721	931.577	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1062836	249.283	ug/l	100
52) Toluene	10.629	92	547520	51.211	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	304561	53.546	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	336566	53.894	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	213875	50.965	ug/l	98
56) Ethyl methacrylate	10.876	69	305103	54.736	ug/l	99
57) 1,3-Dichloropropane	11.165	76	345420	50.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	411101	231.648	ug/l	99
59) 2-Hexanone	11.200	43	794098	255.396	ug/l	99
60) Dibromochloromethane	11.359	129	240647	51.565	ug/l	100
61) 1,2-Dibromoethane	11.471	107	217490	51.214	ug/l	100
64) Tetrachloroethene	11.106	164	219663	52.917	ug/l	97
65) Chlorobenzene	11.894	112	595094	49.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	223219	49.773	ug/l	98
67) Ethyl Benzene	11.965	91	1086344	53.161	ug/l	100
68) m/p-Xylenes	12.071	106	861220	106.479	ug/l	100
69) o-Xylene	12.400	106	428037	53.477	ug/l	99
70) Styrene	12.412	104	708354	55.659	ug/l	99
71) Bromoform	12.576	173	176304	54.026	ug/l #	100
73) Isopropylbenzene	12.700	105	1127624	53.544	ug/l	100
74) N-amyl acetate	12.494	43	326644	52.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	293537	45.087	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	260500m	44.344	ug/l	
77) Bromobenzene	12.982	156	266864	50.071	ug/l	96
78) n-propylbenzene	13.035	91	1297426	55.856	ug/l	100
79) 2-Chlorotoluene	13.129	91	750228	51.741	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	957149	54.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	87317	53.502	ug/l	99
82) 4-Chlorotoluene	13.129	91	750228	51.741	ug/l	100
83) tert-Butylbenzene	13.441	119	844099	54.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	944800	54.033	ug/l	99
85) sec-Butylbenzene	13.617	105	1196384	55.777	ug/l	99
86) p-Isopropyltoluene	13.729	119	1020554	57.181	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	502023	50.992	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	490310	48.751	ug/l	99
89) n-Butylbenzene	14.059	91	820096	56.718	ug/l	100
90) Hexachloroethane	14.335	117	168693	52.838	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	470816	48.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49810	43.117	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	244744	50.978	ug/l	99
94) Hexachlorobutadiene	15.506	225	128915	49.217	ug/l	99
95) Naphthalene	15.641	128	678239	43.078	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	229067	51.049	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
Data File : VN076196.D
Acq On : 11 Jan 2023 09:16
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:29:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

