

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076407.D
 Acq On : 25 Jan 2023 17:22
 Operator : JC\MD
 Sample : 01291-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD

Quant Time: Jan 26 07:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	476151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201598	56.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.171	113	172861	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	10.571	98	632521	52.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.853	95	228995	58.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	167124	51.611	ug/l	97
3) Chloromethane	2.377	50	181523	54.143	ug/l	96
4) Vinyl Chloride	2.530	62	261666	63.650	ug/l	99
5) Bromomethane	2.953	94	188880	56.105	ug/l	98
6) Chloroethane	3.124	64	178580	57.931	ug/l	95
7) Trichlorofluoromethane	3.512	101	327022	57.821	ug/l	100
8) Diethyl Ether	3.977	74	111621	58.841	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	171670	53.618	ug/l	97
10) Methyl Iodide	4.600	142	249158	50.946	ug/l	96
11) Tert butyl alcohol	5.536	59	126415	267.126	ug/l	99
12) 1,1-Dichloroethene	4.353	96	157653	52.089	ug/l	86
13) Acrolein	4.194	56	205226	362.620	ug/l	99
14) Allyl chloride	5.036	41	217808	61.754	ug/l	91
15) Acrylonitrile	5.730	53	375798	279.051	ug/l	99
16) Acetone	4.442	43	299941	264.455	ug/l	98
17) Carbon Disulfide	4.724	76	361656	47.990	ug/l	98
18) Methyl Acetate	5.042	43	208115	54.143	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	576766	58.536	ug/l	99
20) Methylene Chloride	5.289	84	182859	54.539	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	169113	51.577	ug/l	96
22) Diisopropyl ether	6.683	45	496214	59.658	ug/l	98
23) Vinyl Acetate	6.618	43	1535930	285.720	ug/l	97
24) 1,1-Dichloroethane	6.577	63	309164	55.762	ug/l	99
25) 2-Butanone	7.494	43	470198	271.434	ug/l	95
26) 2,2-Dichloropropane	7.500	77	243998	52.215	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	208494	54.520	ug/l	98
28) Bromochloromethane	7.818	49	126390	56.242	ug/l	93
29) Tetrahydrofuran	7.841	42	307779	287.878	ug/l	97
30) Chloroform	7.971	83	350278	57.097	ug/l	99
31) Cyclohexane	8.265	56	269716	49.625	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	312920	55.868	ug/l	94
36) 1,1-Dichloropropene	8.377	75	242902	52.345	ug/l	99
37) Ethyl Acetate	7.571	43	190285	51.123	ug/l	97
38) Carbon Tetrachloride	8.371	117	278737	53.865	ug/l	99
39) Methylcyclohexane	9.606	83	298976	52.760	ug/l	98
40) Benzene	8.612	78	731979	52.753	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076407.D
 Acq On : 25 Jan 2023 17:22
 Operator : JC\MD
 Sample : 01291-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD

Quant Time: Jan 26 07:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	110032	56.461	ug/l	97
42) 1,2-Dichloroethane	8.677	62	268772	56.614	ug/l	98
43) Isopropyl Acetate	8.694	43	331450	54.740	ug/l	99
44) Trichloroethene	9.353	130	193017	49.183	ug/l	98
45) 1,2-Dichloropropane	9.624	63	178728	53.800	ug/l	100
46) Dibromomethane	9.712	93	133795	53.343	ug/l	97
47) Bromodichloromethane	9.894	83	273217	56.163	ug/l	98
48) Methyl methacrylate	9.682	41	163944	57.193	ug/l	96
49) 1,4-Dioxane	9.694	88	66363	1097.176	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1031832	290.289	ug/l	98
52) Toluene	10.635	92	483933	52.153	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	270368	58.301	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	291546	54.645	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	193074	54.436	ug/l	98
56) Ethyl methacrylate	10.876	69	275075	60.074	ug/l	98
57) 1,3-Dichloropropane	11.165	76	319228	55.385	ug/l	98
59) 2-Hexanone	11.194	43	737110	286.169	ug/l	99
60) Dibromochloromethane	11.359	129	216774	58.060	ug/l	100
61) 1,2-Dibromoethane	11.470	107	192750	54.445	ug/l	99
64) Tetrachloroethene	11.106	164	183809	42.806	ug/l	96
65) Chlorobenzene	11.894	112	512159	50.884	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	200325	53.493	ug/l	99
67) Ethyl Benzene	11.965	91	948943	55.087	ug/l	99
68) m/p-Xylenes	12.070	106	738994	106.984	ug/l	98
69) o-Xylene	12.400	106	367412	54.163	ug/l	97
70) Styrene	12.412	104	589050	54.385	ug/l	98
71) Bromoform	12.582	173	150117	55.507	ug/l #	99
73) Isopropylbenzene	12.700	105	969979	54.524	ug/l	99
74) N-amyl acetate	12.494	43	287124	56.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	272149	53.216	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	237712m	56.873	ug/l	
77) Bromobenzene	12.982	156	223525	53.785	ug/l	95
78) n-propylbenzene	13.035	91	1109479	55.273	ug/l	98
79) 2-Chlorotoluene	13.129	91	653545	53.058	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	820617	55.062	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	70813	51.235	ug/l	93
82) 4-Chlorotoluene	13.129	91	653545	53.058	ug/l	99
83) tert-Butylbenzene	13.441	119	722382	54.498	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	818755	54.787	ug/l	98
85) sec-Butylbenzene	13.617	105	1012420	55.044	ug/l	99
86) p-Isopropyltoluene	13.729	119	861530	56.962	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	419972	50.087	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	410505	51.463	ug/l	99
89) n-Butylbenzene	14.059	91	681453	56.757	ug/l	100
90) Hexachloroethane	14.335	117	147713	56.586	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	416620	49.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48075	54.080	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	192380	47.735	ug/l	99
94) Hexachlorobutadiene	15.506	225	101103	45.620	ug/l	97
95) Naphthalene	15.641	128	578286	48.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	186665	48.563	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
Data File : VN076407.D
Acq On : 25 Jan 2023 17:22
Operator : JC\MD
Sample : 01291-05MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 26 07:19:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

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

