

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081148.D
 Acq On : 22 Feb 2024 20:23
 Operator : JC\MD
 Sample : P1539-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MSD

Quant Time: Feb 23 04:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	317715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	545832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198041	50.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.700%		
35) Dibromofluoromethane	8.224	113	888	0.267	ug/l	0.06
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.540%#		
50) Toluene-d8	10.571	98	551275	46.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.280%		
62) 4-Bromofluorobenzene	12.853	95	214111	48.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	204855	49.858	ug/l	93
3) Chloromethane	2.365	50	204230	45.444	ug/l	99
4) Vinyl Chloride	2.512	62	228586	50.085	ug/l	95
5) Bromomethane	2.948	94	73118	22.556	ug/l	89
6) Chloroethane	3.112	64	154976	52.564	ug/l	96
7) Trichlorofluoromethane	3.495	101	328259	49.233	ug/l	94
8) Diethyl Ether	3.959	74	132586	54.390	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	175548	47.230	ug/l	92
10) Methyl Iodide	4.589	142	110127	26.544	ug/l	98
11) Tert butyl alcohol	5.524	59	263241	367.563	ug/l	98
12) 1,1-Dichloroethene	4.342	96	311257	86.630	ug/l	91
13) Acrolein	4.194	56	1656	4.314	ug/l	96
14) Allyl chloride	5.018	41	134070	25.149	ug/l #	93
15) Acrylonitrile	5.718	53	470628	251.616	ug/l	98
16) Acetone	4.424	43	429078	280.019	ug/l	97
17) Carbon Disulfide	4.712	76	110974	11.074	ug/l #	95
18) Methyl Acetate	5.006	43	1764m	0.472	ug/l	
19) Methyl tert-butyl Ether	5.794	73	691702	56.210	ug/l	95
20) Methylene Chloride	5.277	84	233864	59.166	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	195291	48.717	ug/l	94
22) Diisopropyl ether	6.671	45	647088	53.508	ug/l #	94
23) Vinyl Acetate	6.671	43	342145	34.871	ug/l #	76
24) 1,1-Dichloroethane	6.571	63	383174	54.798	ug/l	96
25) 2-Butanone	7.483	43	724364	292.612	ug/l	93
26) 2,2-Dichloropropane	7.494	77	285746	43.613	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	243539	52.290	ug/l	86
28) Bromochloromethane	7.812	49	164087	56.604	ug/l #	69
29) Tetrahydrofuran	7.841	42	514998	311.644	ug/l #	86
30) Chloroform	7.971	83	403931	54.339	ug/l	100
31) Cyclohexane	8.259	56	286049	42.540	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	354620	52.381	ug/l	93
36) 1,1-Dichloropropene	8.371	75	276470	48.489	ug/l	95
37) Ethyl Acetate	7.483	43	724364	140.766	ug/l #	42
38) Carbon Tetrachloride	8.365	117	264691	45.885	ug/l	98
39) Methylcyclohexane	9.606	83	291898	43.917	ug/l	89
40) Benzene	8.612	78	882333	53.463	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081148.D
 Acq On : 22 Feb 2024 20:23
 Operator : JC\MD
 Sample : P1539-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MSD

Quant Time: Feb 23 04:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162597	55.520	ug/l	93
42) 1,2-Dichloroethane	8.671	62	316474	54.964	ug/l	99
43) Isopropyl Acetate	8.694	43	10635	1.182	ug/l #	57
44) Trichloroethene	9.353	130	425492	96.798	ug/l	99
45) 1,2-Dichloropropane	9.624	63	224266	54.324	ug/l	97
46) Dibromomethane	9.712	93	168365	55.974	ug/l #	91
47) Bromodichloromethane	9.888	83	181934	31.936	ug/l #	92
48) Methyl methacrylate	9.612	41	246081	58.763	ug/l #	55
49) 1,4-Dioxane	9.700	88	103632	1359.130	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1652685	319.226	ug/l	96
52) Toluene	10.635	92	546980	52.352	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	277981	43.910	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	191107	27.940	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	42470	10.569	ug/l	93
57) 1,3-Dichloropropane	11.165	76	393137	56.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	801138	259.981	ug/l #	87
59) 2-Hexanone	11.200	43	1213423	295.635	ug/l	95
60) Dibromochloromethane	11.365	129	166528	39.008	ug/l	100
61) 1,2-Dibromoethane	11.470	107	234082	55.394	ug/l	98
64) Tetrachloroethene	11.106	164	283343	76.059	ug/l	95
65) Chlorobenzene	11.894	112	582612	49.318	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	168522	39.717	ug/l	96
67) Ethyl Benzene	11.965	91	1023631	48.424	ug/l	99
68) m/p-Xylenes	12.070	106	785040	96.887	ug/l	95
69) o-Xylene	12.400	106	388740	48.400	ug/l	97
70) Styrene	12.418	104	654904	51.456	ug/l	97
71) Bromoform	12.582	173	126883	47.133	ug/l #	94
73) Isopropylbenzene	12.700	105	989465	46.521	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	268213m	48.561	ug/l	
77) Bromobenzene	12.982	156	231930	48.906	ug/l	75
78) n-propylbenzene	13.041	91	1146105	46.809	ug/l	96
79) 2-Chlorotoluene	13.129	91	711398	47.369	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	822155	47.675	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	20227	9.426	ug/l #	73
82) 4-Chlorotoluene	13.223	91	699409	47.629	ug/l	93
83) tert-Butylbenzene	13.441	119	703296	47.166	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	857782	49.917	ug/l	97
85) sec-Butylbenzene	13.617	105	992059	47.857	ug/l	94
86) p-Isopropyltoluene	13.735	119	818669	47.546	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	432990	48.322	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	436905	49.622	ug/l	96
89) n-Butylbenzene	14.059	91	713685	47.577	ug/l	97
90) Hexachloroethane	14.335	117	129448	45.483	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	428954	49.634	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16011	12.876	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	241886	50.169	ug/l	98
94) Hexachlorobutadiene	15.506	225	78979	43.922	ug/l	98
95) Naphthalene	15.641	128	985431	55.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	250557	52.385	ug/l	100

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

Manual Integrations

Quant Time: Feb 23 04:32:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

