

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040443.D
 Acq On : 23 Feb 2024 19:37
 Operator : JC/MD
 Sample : P1539-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 23 22:24:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72757	54.474	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.940%			
35) Dibromofluoromethane	5.391	113	2263	2.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 4.660%#			
50) Toluene-d8	8.647	98	177548	50.671	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	67432	48.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46232	46.768	ug/l	98
3) Chloromethane	1.294	50	49515	44.309	ug/l	99
4) Vinyl Chloride	1.374	62	52836	47.404	ug/l	95
5) Bromomethane	1.599	94	11561	17.631	ug/l	97
6) Chloroethane	1.678	64	34304	51.066	ug/l	98
7) Trichlorofluoromethane	1.880	101	80002	44.987	ug/l	99
8) Diethyl Ether	2.136	74	30701	48.329	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40146	42.724	ug/l	98
10) Methyl Iodide	2.453	142	27777	25.405	ug/l	97
11) Tert butyl alcohol	2.965	59	67988	263.340	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	72714	80.232	ug/l	99
13) Acrolein	2.245	56	391	1.266	ug/l #	80
14) Allyl chloride	2.660	41	66938	39.992	ug/l	97
15) Acrylonitrile	3.062	53	128267	211.909	ug/l	99
16) Acetone	2.380	43	149453	268.553	ug/l	96
17) Carbon Disulfide	2.508	76	30732	12.334	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	165305	51.155	ug/l	98
20) Methylene Chloride	2.788	84	54756	46.991	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	47343	46.295	ug/l	99
22) Diisopropyl ether	3.763	45	159060	48.076	ug/l #	74
23) Vinyl Acetate	3.763	43	86270	28.571	ug/l #	74
24) 1,1-Dichloroethane	3.611	63	93079	48.649	ug/l	99
25) 2-Butanone	4.556	43	230611	265.796	ug/l	99
26) 2,2-Dichloropropane	4.477	77	58593	46.920	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	55176	48.417	ug/l	98
28) Bromochloromethane	4.897	49	41342	46.328	ug/l	98
29) Tetrahydrofuran	5.007	42	159058	275.396	ug/l	99
30) Chloroform	5.099	83	98788	47.907	ug/l	98
31) Cyclohexane	5.470	56	67809	42.347	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	81725	47.873	ug/l	98
36) 1,1-Dichloropropene	5.690	75	67835	45.185	ug/l	99
38) Carbon Tetrachloride	5.678	117	65148	46.903	ug/l	98
39) Methylcyclohexane	7.379	83	68857	43.278	ug/l	98
40) Benzene	6.037	78	196676	48.156	ug/l	99
41) Methacrylonitrile	4.922	41	48201	52.923	ug/l	95
42) 1,2-Dichloroethane	6.086	62	87183	51.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.123	130	95599	89.499	ug/l	94
45) 1,2-Dichloropropane	7.427	63	53877	49.431	ug/l	96
46) Dibromomethane	7.580	93	41169	50.345	ug/l	98
47) Bromodichloromethane	7.824	83	43357	28.489	ug/l	96
49) 1,4-Dioxane	7.659	88	27674	1053.393	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	482066	269.688	ug/l	97
52) Toluene	8.720	92	121853	48.686	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	65722	42.834	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44835	27.431	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	8395	7.834	ug/l	92
57) 1,3-Dichloropropane	9.305	76	91084	48.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216753	263.990	ug/l	96
59) 2-Hexanone	9.427	43	379687	275.417	ug/l	98
60) Dibromochloromethane	9.519	129	40849	38.012	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55524	48.204	ug/l	97
64) Tetrachloroethene	9.275	164	66538	69.325	ug/l	99
65) Chlorobenzene	10.079	112	129307	48.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36339	39.347	ug/l	99
67) Ethyl Benzene	10.195	91	233279	47.088	ug/l	99
68) m/p-Xylenes	10.299	106	171736	95.066	ug/l	96
69) o-Xylene	10.640	106	85216	47.723	ug/l	94
70) Styrene	10.652	104	144927	49.236	ug/l	98
71) Bromoform	10.799	173	35424	47.444	ug/l #	99
73) Isopropylbenzene	10.963	105	217630	48.013	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	63993m	44.923	ug/l	
77) Bromobenzene	11.195	156	55186	49.826	ug/l	97
78) n-propylbenzene	11.305	91	265699	47.455	ug/l	97
79) 2-Chlorotoluene	11.366	91	161281	48.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	188492	48.948	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5868	14.334	ug/l #	69
82) 4-Chlorotoluene	11.451	91	186982	47.745	ug/l	100
83) tert-Butylbenzene	11.713	119	149448	41.174	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	190088	48.923	ug/l	98
85) sec-Butylbenzene	11.890	105	221496	45.839	ug/l	99
86) p-Isopropyltoluene	12.006	119	185199	47.969	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101197	47.772	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	101034	46.006	ug/l	99
89) n-Butylbenzene	12.335	91	174102	45.833	ug/l	96
90) Hexachloroethane	12.542	117	29339	47.450	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	100158	48.894	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4169	11.282	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	65157	49.407	ug/l	95
94) Hexachlorobutadiene	13.725	225	22390	46.877	ug/l	99
95) Naphthalene	13.774	128	241635	57.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66178	52.120	ug/l	98

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

