

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032350.D
 Acq On : 24 Oct 2022 19:03
 Operator : JC/MD
 Sample : N5237-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-GW-01MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:59:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81743	52.785	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.580%			
35) Dibromofluoromethane	5.391	113	66205	50.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.653	98	232926	49.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	91966	53.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53315	48.955	ug/l	100
3) Chloromethane	1.294	50	48351	45.685	ug/l	94
4) Vinyl Chloride	1.374	62	55098	46.974	ug/l	99
5) Bromomethane	1.611	94	63056	51.345	ug/l	99
6) Chloroethane	1.684	64	48449	46.728	ug/l	97
7) Trichlorofluoromethane	1.886	101	111081	53.272	ug/l	99
8) Diethyl Ether	2.136	74	36893	52.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57524	50.885	ug/l	99
10) Methyl Iodide	2.453	142	58489	35.803	ug/l	97
11) Tert butyl alcohol	2.989	59	53665	245.666	ug/l	98
12) 1,1-Dichloroethene	2.318	96	52361	49.280	ug/l	98
13) Acrolein	2.239	56	55673	295.323	ug/l	98
14) Allyl chloride	2.666	41	87063	52.171	ug/l	98
15) Acrylonitrile	3.068	53	148445	255.588	ug/l	99
16) Acetone	2.386	43	131209	261.086	ug/l	99
17) Carbon Disulfide	2.514	76	120267	48.348	ug/l	100
18) Methyl Acetate	2.703	43	83972	49.217	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198561	54.231	ug/l	100
20) Methylene Chloride	2.794	84	60597	46.960	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57620	49.790	ug/l	99
22) Diisopropyl ether	3.763	45	193296	52.894	ug/l	89
23) Vinyl Acetate	3.721	43	723338	247.651	ug/l	100
24) 1,1-Dichloroethane	3.611	63	111179	52.656	ug/l	98
25) 2-Butanone	4.562	43	206002	262.549	ug/l	100
26) 2,2-Dichloropropane	4.477	77	76868	50.529	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	71035	52.425	ug/l	100
28) Bromochloromethane	4.903	49	39865	45.763	ug/l	99
29) Tetrahydrofuran	5.007	42	132164	260.800	ug/l	100
30) Chloroform	5.098	83	124491	54.170	ug/l	96
31) Cyclohexane	5.470	56	88731	50.120	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	112621	57.466	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85074	50.822	ug/l	99
37) Ethyl Acetate	4.714	43	79166	48.302	ug/l	99
38) Carbon Tetrachloride	5.684	117	99350	56.221	ug/l	98
39) Methylcyclohexane	7.385	83	98670	49.342	ug/l	96
40) Benzene	6.043	78	242813	50.048	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47356	54.795	ug/l	98
42) 1,2-Dichloroethane	6.092	62	102062	54.921	ug/l	99
43) Isopropyl Acetate	6.342	43	135705	52.754	ug/l	99
44) Trichloroethene	7.129	130	67379	50.433	ug/l	96
45) 1,2-Dichloropropane	7.433	63	63512	51.893	ug/l	100
46) Dibromomethane	7.586	93	48085	52.676	ug/l	99
47) Bromodichloromethane	7.824	83	98396	58.351	ug/l	98
48) Methyl methacrylate	7.696	41	71012	55.352	ug/l	97
49) 1,4-Dioxane	7.689	88	25178	977.908	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	439153	272.340	ug/l	99
52) Toluene	8.720	92	160985	51.223	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	99052	52.050	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	102825	54.724	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	69164	54.173	ug/l	99
56) Ethyl methacrylate	9.116	69	101419	55.156	ug/l	99
57) 1,3-Dichloropropane	9.311	76	111777	54.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.366	63	643	0.763	ug/l #	45
59) 2-Hexanone	9.433	43	330170	274.411	ug/l	99
60) Dibromochloromethane	9.525	129	78354	59.880	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72982	53.923	ug/l	98
64) Tetrachloroethene	9.275	164	55867	49.225	ug/l	98
65) Chlorobenzene	10.079	112	178792	50.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	70902	56.232	ug/l	100
67) Ethyl Benzene	10.195	91	328154	52.599	ug/l	100
68) m/p-Xylenes	10.305	106	253093	102.725	ug/l	98
69) o-Xylene	10.640	106	124262	52.647	ug/l	100
70) Styrene	10.658	104	208263	52.324	ug/l	99
71) Bromoform	10.799	173	58731	54.693	ug/l #	100
73) Isopropylbenzene	10.963	105	339493	50.865	ug/l	99
74) N-amyl acetate	10.841	43	123609	50.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107635	50.161	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96283m	51.949	ug/l	
77) Bromobenzene	11.201	156	83004	50.736	ug/l	99
78) n-propylbenzene	11.305	91	390835	51.139	ug/l	100
79) 2-Chlorotoluene	11.366	91	233313	50.654	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	294026	51.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29499	50.010	ug/l	100
82) 4-Chlorotoluene	11.457	91	274578	51.202	ug/l	100
83) tert-Butylbenzene	11.719	119	299647	51.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298951	53.336	ug/l	98
85) sec-Butylbenzene	11.890	105	357281	51.253	ug/l	98
86) p-Isopropyltoluene	12.012	119	308226	51.965	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	157265	49.943	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	161670	49.982	ug/l	99
89) n-Butylbenzene	12.335	91	265228	50.768	ug/l	99
90) Hexachloroethane	12.542	117	52641	57.194	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	159322	51.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24270	59.201	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	97889	48.643	ug/l	98
94) Hexachlorobutadiene	13.725	225	40222	46.052	ug/l	99
95) Naphthalene	13.774	128	330078	51.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96696	47.773	ug/l	98

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

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