

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028963.D
 Acq On : 25 May 2022 20:07
 Operator : JC/MD
 Sample : N3030-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20220524MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:47:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	252590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161189	46.554	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.100%		
35) Dibromofluoromethane	5.391	113	135432	50.077	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.160%		
50) Toluene-d8	8.653	98	482045	47.276	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	193528	50.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	145482	43.987	ug/l	100
3) Chloromethane	1.288	50	133384	42.823	ug/l	100
4) Vinyl Chloride	1.374	62	148165	44.140	ug/l	100
5) Bromomethane	1.599	94	125466	53.214	ug/l	99
6) Chloroethane	1.672	64	95707	45.045	ug/l	100
7) Trichlorofluoromethane	1.880	101	232207	43.390	ug/l	97
8) Diethyl Ether	2.136	74	88624	45.448	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	128508	45.632	ug/l	98
10) Methyl Iodide	2.447	142	165845	49.188	ug/l	94
11) Tert butyl alcohol	2.989	59	190987	260.243	ug/l	98
12) 1,1-Dichloroethene	2.319	96	123684	47.313	ug/l	98
13) Acrolein	2.233	56	121801	214.319	ug/l	97
14) Allyl chloride	2.660	41	199535	47.590	ug/l	96
15) Acrylonitrile	3.062	53	412809	247.456	ug/l	98
16) Acetone	2.380	43	352361	237.122	ug/l	93
17) Carbon Disulfide	2.508	76	268239	39.583	ug/l	100
18) Methyl Acetate	2.703	43	189127	50.816	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	484993	52.280	ug/l	97
20) Methylene Chloride	2.788	84	147673	47.368	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	137862	46.818	ug/l	99
22) Diisopropyl ether	3.764	45	444819	49.645	ug/l	96
23) Vinyl Acetate	3.721	43	1891112	244.829	ug/l	97
24) 1,1-Dichloroethane	3.611	63	259846	49.885	ug/l	99
25) 2-Butanone	4.556	43	569206	244.031	ug/l	98
26) 2,2-Dichloropropane	4.477	77	177999	43.583	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	190909	55.511	ug/l	97
28) Bromochloromethane	4.904	49	96850	44.172	ug/l	99
29) Tetrahydrofuran	5.007	42	364613	240.483	ug/l	94
30) Chloroform	5.099	83	287518	51.002	ug/l	100
31) Cyclohexane	5.471	56	208945	43.476	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	253317	51.472	ug/l	99
36) 1,1-Dichloropropene	5.696	75	196797	48.447	ug/l	100
37) Ethyl Acetate	4.715	43	214705	50.605	ug/l	99
38) Carbon Tetrachloride	5.678	117	217939	53.312	ug/l	98
39) Methylcyclohexane	7.385	83	221296	47.504	ug/l	97
40) Benzene	6.038	78	589179	50.468	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	122376	53.794	ug/l	93
42) 1,2-Dichloroethane	6.092	62	222416	51.650	ug/l	99
43) Isopropyl Acetate	6.342	43	339356	51.126	ug/l	97
44) Trichloroethene	7.129	130	167474	52.895	ug/l	94
45) 1,2-Dichloropropane	7.434	63	150605	51.706	ug/l	97
46) Dibromomethane	7.580	93	110955	51.009	ug/l	96
47) Bromodichloromethane	7.824	83	220482	54.595	ug/l	99
48) Methyl methacrylate	7.696	41	167522	52.245	ug/l	92
49) 1,4-Dioxane	7.665	88	81284	1014.738	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1135885	259.800	ug/l	96
52) Toluene	8.720	92	385251	51.299	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	220201	47.454	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	237221	52.204	ug/l #	93
55) 1,1,2-Trichloroethane	9.153	97	163876	53.514	ug/l	98
56) Ethyl methacrylate	9.116	69	253956	54.763	ug/l	92
57) 1,3-Dichloropropane	9.311	76	272596	52.777	ug/l	100
59) 2-Hexanone	9.433	43	894820	263.427	ug/l	94
60) Dibromochloromethane	9.525	129	173000	57.926	ug/l	95
61) 1,2-Dibromoethane	9.610	107	171456	53.308	ug/l	98
64) Tetrachloroethene	9.275	164	139500	48.666	ug/l	96
65) Chlorobenzene	10.079	112	421903	52.392	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	162257	56.881	ug/l	98
67) Ethyl Benzene	10.195	91	748701	51.872	ug/l	98
68) m/p-Xylenes	10.305	106	586084	104.296	ug/l	99
69) o-Xylene	10.646	106	290216	52.455	ug/l	99
70) Styrene	10.659	104	492096	54.771	ug/l	98
71) Bromoform	10.799	173	125973	53.168	ug/l	99
73) Isopropylbenzene	10.963	105	763344	50.414	ug/l	99
74) N-amyl acetate	10.848	43	294778	49.526	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	269785	51.937	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	243561m	52.088	ug/l	
77) Bromobenzene	11.201	156	188334	52.569	ug/l	97
78) n-propylbenzene	11.305	91	876907	50.067	ug/l	99
79) 2-Chlorotoluene	11.366	91	538192	50.135	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	660377	52.342	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70934	45.623	ug/l	89
82) 4-Chlorotoluene	11.457	91	630432	50.800	ug/l	100
83) tert-Butylbenzene	11.713	119	667669	54.658	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	663471	52.441	ug/l	99
85) sec-Butylbenzene	11.890	105	804819	53.413	ug/l	100
86) p-Isopropyltoluene	12.012	119	690058	54.577	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	359775	51.198	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	370843	50.878	ug/l	98
89) n-Butylbenzene	12.335	91	577434	52.709	ug/l	100
90) Hexachloroethane	12.542	117	111651	54.605	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	363563	52.666	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61056	55.048	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	225061	56.448	ug/l	98
94) Hexachlorobutadiene	13.725	225	91372	56.411	ug/l	95
95) Naphthalene	13.774	128	795200	56.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220952	55.176	ug/l	96

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

