

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027823.D
 Acq On : 30 Mar 2022 20:09
 Operator : JC/MD
 Sample : N2041-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220317MSD

Quant Time: Mar 31 05:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44769	48.357	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.720%		
35) Dibromofluoromethane	5.391	113	38443	49.360	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.720%		
50) Toluene-d8	8.653	98	133076	48.563	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.085	95	55432	47.601	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34584	53.192	ug/l	98
3) Chloromethane	1.294	50	27629	48.089	ug/l	99
4) Vinyl Chloride	1.374	62	30307	51.434	ug/l	97
5) Bromomethane	1.599	94	11984	45.105	ug/l	100
6) Chloroethane	1.678	64	18401	46.327	ug/l	99
7) Trichlorofluoromethane	1.886	101	51144	49.479	ug/l	98
8) Diethyl Ether	2.136	74	19067	51.390	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	34853	51.875	ug/l	95
10) Methyl Iodide	2.453	142	40337	51.698	ug/l #	89
11) Tert butyl alcohol	2.965	59	44602	250.807	ug/l	99
12) 1,1-Dichloroethene	2.319	96	30624	49.678	ug/l	98
13) Acrolein	2.239	56	37090	278.472	ug/l	95
14) Allyl chloride	2.666	41	57852	51.116	ug/l #	90
15) Acrylonitrile	3.062	53	110104	263.680	ug/l	100
16) Acetone	2.380	43	104449	254.925	ug/l	90
17) Carbon Disulfide	2.508	76	55878	44.311	ug/l	100
18) Methyl Acetate	2.703	43	51112	50.605	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	119896	51.049	ug/l	98
20) Methylene Chloride	2.788	84	35560	48.251	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	32154	48.056	ug/l	95
22) Diisopropyl ether	3.769	45	118018	52.032	ug/l	97
23) Vinyl Acetate	3.727	43	500416	255.363	ug/l	95
24) 1,1-Dichloroethane	3.611	63	67650	53.016	ug/l	99
25) 2-Butanone	4.562	43	143009	239.875	ug/l	95
26) 2,2-Dichloropropane	4.477	77	42247	41.453	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	40498	50.195	ug/l	96
28) Bromochloromethane	4.903	49	25917	47.220	ug/l	97
29) Tetrahydrofuran	5.007	42	90094	235.257	ug/l	93
30) Chloroform	5.099	83	68435	48.245	ug/l	99
31) Cyclohexane	5.476	56	46832	45.762	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	59234	48.275	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43996	44.851	ug/l	99
37) Ethyl Acetate	4.714	43	51867	42.651	ug/l	98
38) Carbon Tetrachloride	5.678	117	53694	49.545	ug/l	99
39) Methylcyclohexane	7.385	83	50495	43.744	ug/l #	89
40) Benzene	6.043	78	138987	46.754	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29813	46.091	ug/l	93
42) 1,2-Dichloroethane	6.092	62	52533	44.225	ug/l	97
43) Isopropyl Acetate	6.342	43	86147	44.228	ug/l	95
44) Trichloroethene	7.129	130	110970	137.362	ug/l	91
45) 1,2-Dichloropropane	7.433	63	38847	48.643	ug/l	100
46) Dibromomethane	7.586	93	29031	48.301	ug/l	89
47) Bromodichloromethane	7.824	83	57997	48.450	ug/l	100
48) Methyl methacrylate	7.696	41	50906	49.835	ug/l #	80
49) 1,4-Dioxane	7.665	88	19839	983.857	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	336326	248.911	ug/l	88
52) Toluene	8.720	92	88019	47.007	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	57541	47.963	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	59872	47.393	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	39619	47.704	ug/l	95
56) Ethyl methacrylate	9.116	69	64940	49.371	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	66393	47.504	ug/l	100
59) 2-Hexanone	9.433	43	260431	250.319	ug/l	83
60) Dibromochloromethane	9.525	129	40915	47.513	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40440	46.600	ug/l	98
64) Tetrachloroethene	9.275	164	33315	48.073	ug/l	93
65) Chlorobenzene	10.079	112	95956	47.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	37998	50.309	ug/l	98
67) Ethyl Benzene	10.195	91	176912	48.436	ug/l	99
68) m/p-Xylenes	10.305	106	130274	96.976	ug/l	87
69) o-Xylene	10.646	106	64445	49.116	ug/l	87
70) Styrene	10.659	104	112284	50.348	ug/l #	93
71) Bromoform	10.799	173	28701	47.538	ug/l #	97
73) Isopropylbenzene	10.963	105	175655	48.349	ug/l	97
74) N-amyl acetate	10.841	43	81205	49.622	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	64304	52.123	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	60381m	52.750	ug/l	
77) Bromobenzene	11.201	156	40412	48.789	ug/l	84
78) n-propylbenzene	11.305	91	207306	47.761	ug/l	98
79) 2-Chlorotoluene	11.366	91	130772	47.942	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	152884	48.497	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17402	46.007	ug/l #	75
82) 4-Chlorotoluene	11.457	91	151913	48.532	ug/l	96
83) tert-Butylbenzene	11.719	119	146783	48.151	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	155076	49.335	ug/l	95
85) sec-Butylbenzene	11.890	105	183036	48.654	ug/l	99
86) p-Isopropyltoluene	12.012	119	152207	48.641	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	78182	47.951	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	77734	46.280	ug/l	96
89) n-Butylbenzene	12.335	91	135635	48.205	ug/l	95
90) Hexachloroethane	12.542	117	24475	48.704	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	77148	47.902	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15917	53.595	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	46287	46.996	ug/l	98
94) Hexachlorobutadiene	13.725	225	19831	45.640	ug/l	96
95) Naphthalene	13.780	128	167359	48.666	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45537	47.194	ug/l	96

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

