

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027705.D
 Acq On : 25 Mar 2022 18:23
 Operator : JC/MD
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Quant Time: Mar 26 06:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						03/26/2022
1) Pentafluorobenzene	5.550	168	62470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	104347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90604	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40897	50.000	ug/l	0.00
System Monitoring Compounds						03/28/2022
33) 1,2-Dichloroethane-d4	5.946	65	53092	51.818	ug/l	-0.02
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.640%	
35) Dibromofluoromethane	5.385	113	37660	54.959	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.920%	
50) Toluene-d8	8.647	98	145955	55.100	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	11.086	95	57449	53.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	17439	24.066	ug/l	100
3) Chloromethane	1.295	50	15588	20.761	ug/l	99
4) Vinyl Chloride	1.374	62	15428	21.392	ug/l	95
5) Bromomethane	1.599	94	8847	30.555	ug/l	93
6) Chloroethane	1.685	64	9349	20.201	ug/l	97
7) Trichlorofluoromethane	1.886	101	22206	20.859	ug/l	97
8) Diethyl Ether	2.130	74	8232	21.426	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	15881	22.307	ug/l	90
10) Methyl Iodide	2.447	142	15203	22.069	ug/l	# 89
11) Tert butyl alcohol	2.965	59	19341	101.385	ug/l	99
12) 1,1-Dichloroethene	2.319	96	14030	21.143	ug/l	90
13) Acrolein	2.233	56	12399	92.854	ug/l	99
14) Allyl chloride	2.660	41	26327	20.972	ug/l	# 91
15) Acrylonitrile	3.063	53	46015	98.494	ug/l	99
16) Acetone	2.380	43	54238	125.168	ug/l	90
17) Carbon Disulfide	2.508	76	35202	19.773	ug/l	98
18) Methyl Acetate	2.703	43	23144	20.885	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	48793	20.030	ug/l	98
20) Methylene Chloride	2.788	84	16703	21.605	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14715	19.937	ug/l	92
22) Diisopropyl ether	3.764	45	53410	21.354	ug/l	# 87
23) Vinyl Acetate	3.715	43	236061	107.931	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	29852	21.064	ug/l	96
25) 2-Butanone	4.550	43	72969	104.855	ug/l	93
26) 2,2-Dichloropropane	4.471	77	22828	21.064	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	17560	21.360	ug/l	90
28) Bromochloromethane	4.898	49	10092	17.852	ug/l	# 81
29) Tetrahydrofuran	5.007	42	45398	117.731	ug/l	# 86
30) Chloroform	5.099	83	30394	21.401	ug/l	92
31) Cyclohexane	5.471	56	27081	21.798	ug/l	# 83
32) 1,1,1-Trichloroethane	5.385	97	26380	20.900	ug/l	96
36) 1,1-Dichloropropene	5.696	75	22377	20.675	ug/l	97
37) Ethyl Acetate	4.721	43	24267	19.263	ug/l	98
38) Carbon Tetrachloride	5.672	117	22208	20.997	ug/l	97
39) Methylcyclohexane	7.379	83	27558	22.135	ug/l	# 85
40) Benzene	6.038	78	64271	21.497	ug/l	97

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41) Methacrylonitrile	4.922	41	14651	22.202	ug/l	89
42) 1,2-Dichloroethane	6.086	62	26686	20.996	ug/l	95
43) Isopropyl Acetate	6.342	43	40726	21.405	ug/l #	93
44) Trichloroethene	7.123	130	16028	20.719	ug/l	78
45) 1,2-Dichloropropane	7.428	63	17952	22.879	ug/l #	87
46) Dibromomethane	7.580	93	12643	22.516	ug/l #	84
47) Bromodichloromethane	7.824	83	23997	21.823	ug/l	96
48) Methyl methacrylate	7.696	41	22414	24.513	ug/l #	80
49) 1,4-Dioxane	7.665	88	8492	423.081	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	150121	114.936	ug/l	88
52) Toluene	8.720	92	40906	21.885	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24560	21.135	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	27099	22.354	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	16950	22.321	ug/l	96
56) Ethyl methacrylate	9.116	69	27295	21.991	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	29536	21.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	66633	104.860	ug/l	91
59) 2-Hexanone	9.433	43	117483	115.102	ug/l	83
60) Dibromochloromethane	9.525	129	16188	22.037	ug/l	93
61) 1,2-Dibromoethane	9.610	107	17061	21.040	ug/l	99
64) Tetrachloroethene	9.275	164	14810	23.264	ug/l	94
65) Chlorobenzene	10.080	112	41680	21.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15395	23.466	ug/l	95
67) Ethyl Benzene	10.195	91	79539	22.371	ug/l	98
68) m/p-Xylenes	10.305	106	58532	45.421	ug/l	89
69) o-Xylene	10.640	106	27473	21.215	ug/l	82
70) Styrene	10.659	104	45695	22.197	ug/l #	90
71) Bromoform	10.799	173	9835	20.692	ug/l #	97
73) Isopropylbenzene	10.964	105	74252	22.105	ug/l	97
74) N-amyl acetate	10.842	43	35227	21.850	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.214	83	26359	22.270	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	25311m	22.229	ug/l	
77) Bromobenzene	11.201	156	16103	21.698	ug/l	76
78) n-propylbenzene	11.305	91	90241	22.643	ug/l	97
79) 2-Chlorotoluene	11.366	91	56064	22.313	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	65192	22.580	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.025	75	6892	20.602	ug/l #	68
82) 4-Chlorotoluene	11.457	91	64864	22.441	ug/l	92
83) tert-Butylbenzene	11.713	119	58133	21.918	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	65363	22.305	ug/l	97
85) sec-Butylbenzene	11.890	105	77119	22.196	ug/l	96
86) p-Isopropyltoluene	12.012	119	63771	23.321	ug/l	91
87) 1,3-Dichlorobenzene	11.970	146	29942	21.578	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	29556	20.562	ug/l	92
89) n-Butylbenzene	12.335	91	57159	22.080	ug/l	95
90) Hexachloroethane	12.543	117	9154	20.977	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	29354	21.816	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5920	20.407	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	18115	22.843	ug/l	97
94) Hexachlorobutadiene	13.725	225	8995	23.293	ug/l	92
95) Naphthalene	13.780	128	67049	23.022	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18203	22.963	ug/l	95

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

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