

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027951.D
 Acq On : 04 Apr 2022 12:13
 Operator : JC/MD
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 05:47:19 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	59314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	102829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44766	58.494	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.980%			
35) Dibromofluoromethane	5.385	113	33994	51.216	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.440%			
50) Toluene-d8	8.647	98	112449	48.151	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	42661	42.987	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	10524	19.581	ug/l	99
3) Chloromethane	1.295	50	8954	18.853	ug/l	99
4) Vinyl Chloride	1.374	62	9354	19.204	ug/l	100
5) Bromomethane	1.605	94	6093	27.741	ug/l	84
6) Chloroethane	1.685	64	6061	18.459	ug/l	97
7) Trichlorofluoromethane	1.886	101	16898	19.776	ug/l	95
8) Diethyl Ether	2.130	74	6818	22.230	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	11432	20.583	ug/l	96
10) Methyl Iodide	2.453	142	10475	16.241	ug/l	# 90
11) Tert butyl alcohol	2.953	59	16431	111.770	ug/l	98
12) 1,1-Dichloroethene	2.319	96	9698	19.031	ug/l	90
13) Acrolein	2.233	56	10280	93.367	ug/l	91
14) Allyl chloride	2.660	41	20056	21.437	ug/l	# 91
15) Acrylonitrile	3.063	53	39220	113.621	ug/l	97
16) Acetone	2.374	43	36678	108.290	ug/l	# 85
17) Carbon Disulfide	2.514	76	18963	18.191	ug/l	97
18) Methyl Acetate	2.703	43	17230	20.636	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	44791	23.070	ug/l	97
20) Methylene Chloride	2.788	84	12875	21.133	ug/l	# 83
21) trans-1,2-Dichloroethene	3.087	96	10204	18.449	ug/l	92
22) Diisopropyl ether	3.751	45	43697	23.305	ug/l	# 59
23) Vinyl Acetate	3.721	43	183487	113.268	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	23034	21.837	ug/l	99
25) 2-Butanone	4.550	43	56188	114.010	ug/l	93
26) 2,2-Dichloropropane	4.471	77	19734	23.424	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	14395	21.583	ug/l	92
28) Bromochloromethane	4.898	49	10416	22.957	ug/l	84
29) Tetrahydrofuran	5.001	42	35447	111.970	ug/l	# 85
30) Chloroform	5.093	83	26258	22.393	ug/l	96
31) Cyclohexane	5.465	56	15613	18.455	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	22525	22.207	ug/l	97
36) 1,1-Dichloropropene	5.696	75	15768	18.862	ug/l	97
37) Ethyl Acetate	4.709	43	21568	20.811	ug/l	96
38) Carbon Tetrachloride	5.678	117	19375	20.978	ug/l	97
39) Methylcyclohexane	7.379	83	16250	16.519	ug/l	93
40) Benzene	6.038	78	48969	19.329	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	12052	21.863	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	22164	21.895	ug/l	94
43) Isopropyl Acetate	6.336	43	31728	19.114	ug/l	95
44) Trichloroethene	7.129	130	13133	19.075	ug/l	92
45) 1,2-Dichloropropane	7.434	63	13259	19.482	ug/l	96
46) Dibromomethane	7.580	93	10108	19.734	ug/l	94
47) Bromodichloromethane	7.824	83	21412	20.989	ug/l	98
48) Methyl methacrylate	7.690	41	15139	17.390	ug/l	86
49) 1,4-Dioxane	7.653	88	6429	374.113	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	110636	96.079	ug/l	91
52) Toluene	8.720	92	30112	18.870	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	21651	21.176	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	21778	20.228	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	14408	20.357	ug/l	97
56) Ethyl methacrylate	9.116	69	21146	18.864	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	22790	19.134	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	56200	100.420	ug/l	98
59) 2-Hexanone	9.427	43	75825	85.519	ug/l	89
60) Dibromochloromethane	9.525	129	16657	22.697	ug/l	97
61) 1,2-Dibromoethane	9.610	107	14936	20.196	ug/l	99
64) Tetrachloroethene	9.275	164	12388	20.028	ug/l	95
65) Chlorobenzene	10.080	112	34450	19.176	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	14114	20.937	ug/l	100
67) Ethyl Benzene	10.195	91	59095	18.127	ug/l	100
68) m/p-Xylenes	10.299	106	44903	37.451	ug/l	98
69) o-Xylene	10.640	106	21240	18.137	ug/l	98
70) Styrene	10.659	104	36562	18.368	ug/l	99
71) Bromoform	10.799	173	12191	23.857	ug/l #	97
73) Isopropylbenzene	10.964	105	57053	16.855	ug/l	99
74) N-amyl acetate	10.842	43	17849	11.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	19625	17.074	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	18268m	17.130	ug/l	
77) Bromobenzene	11.201	156	14630	18.958	ug/l	96
78) n-propylbenzene	11.305	91	64045	15.838	ug/l	96
79) 2-Chlorotoluene	11.366	91	40195	15.817	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	49846	16.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5696	18.432	ug/l	92
82) 4-Chlorotoluene	11.457	91	46956	16.101	ug/l	97
83) tert-Butylbenzene	11.713	119	51825	18.248	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	50252	17.159	ug/l	100
85) sec-Butylbenzene	11.890	105	61187	17.457	ug/l	99
86) p-Isopropyltoluene	12.012	119	53410	18.320	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	29724	19.567	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	29354	18.758	ug/l	96
89) n-Butylbenzene	12.335	91	44070	16.811	ug/l	95
90) Hexachloroethane	12.543	117	9912	21.171	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	29662	19.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5372	19.415	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	19776	21.551	ug/l	99
94) Hexachlorobutadiene	13.725	225	9207	23.152	ug/l	92
95) Naphthalene	13.780	128	67906	21.194	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19904	22.141	ug/l	95

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

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