

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028020.D
 Acq On : 08 Apr 2022 12:28
 Operator : JC/MD
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 11 01:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	105598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55401	55.428	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.860%			
35) Dibromofluoromethane	5.385	113	39429	55.626	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.260%			
50) Toluene-d8	8.647	98	130782	51.710	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.085	95	54364	50.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	18912	20.296	ug/l	100
3) Chloromethane	1.295	50	14906	21.293	ug/l	98
4) Vinyl Chloride	1.374	62	15629	20.481	ug/l	99
5) Bromomethane	1.599	94	10273	31.004	ug/l	96
6) Chloroethane	1.685	64	9561	22.227	ug/l	98
7) Trichlorofluoromethane	1.886	101	25465	20.029	ug/l	99
8) Diethyl Ether	2.130	74	8628	22.327	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	15260	20.084	ug/l	97
10) Methyl Iodide	2.453	142	15390	21.036	ug/l	# 85
11) Tert butyl alcohol	2.959	59	19278	109.467	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13471	18.848	ug/l	89
13) Acrolein	2.233	56	16829	104.512	ug/l	95
14) Allyl chloride	2.666	41	24928	21.077	ug/l	# 88
15) Acrylonitrile	3.062	53	44761	105.800	ug/l	99
16) Acetone	2.380	43	44213	121.281	ug/l	# 85
17) Carbon Disulfide	2.514	76	33876	23.686	ug/l	99
18) Methyl Acetate	2.703	43	22185	21.346	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	49613	20.303	ug/l	98
20) Methylene Chloride	2.788	84	15982	22.331	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	14187	19.824	ug/l	89
22) Diisopropyl ether	3.764	45	48477	19.946	ug/l	# 87
23) Vinyl Acetate	3.721	43	213003	99.862	ug/l	94
24) 1,1-Dichloroethane	3.611	63	27621	19.956	ug/l	97
25) 2-Butanone	4.550	43	65414	100.858	ug/l	92
26) 2,2-Dichloropropane	4.477	77	21175	18.768	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	17881	21.488	ug/l	98
28) Bromochloromethane	4.904	49	11441	19.623	ug/l	96
29) Tetrahydrofuran	5.007	42	43174	104.962	ug/l	87
30) Chloroform	5.099	83	30719	20.438	ug/l	93
31) Cyclohexane	5.471	56	25023	20.651	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	26778	20.291	ug/l	95
36) 1,1-Dichloropropene	5.696	75	21157	20.299	ug/l	96
37) Ethyl Acetate	4.709	43	23641	19.317	ug/l	98
38) Carbon Tetrachloride	5.678	117	22463	19.912	ug/l	93
39) Methylcyclohexane	7.379	83	23462	19.428	ug/l	93
40) Benzene	6.038	78	58241	20.016	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13892	21.593	ug/l	90
42) 1,2-Dichloroethane	6.086	62	27189	22.082	ug/l	91
43) Isopropyl Acetate	6.342	43	39424	21.381	ug/l #	89
44) Trichloroethene	7.129	130	14888	19.095	ug/l	90
45) 1,2-Dichloropropane	7.434	63	16010	22.014	ug/l	98
46) Dibromomethane	7.586	93	11539	19.750	ug/l #	86
47) Bromodichloromethane	7.824	83	22027	20.550	ug/l	98
48) Methyl methacrylate	7.690	41	20699	22.018	ug/l #	75
49) 1,4-Dioxane	7.659	88	8043	441.500	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	134579	111.905	ug/l	87
52) Toluene	8.720	92	36470	19.525	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	21169	19.848	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	23446	20.416	ug/l #	69
55) 1,1,2-Trichloroethane	9.153	97	15493	21.033	ug/l	98
56) Ethyl methacrylate	9.116	69	24811	21.391	ug/l #	70
57) 1,3-Dichloropropane	9.311	76	26657	21.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	60560	111.005	ug/l	92
59) 2-Hexanone	9.433	43	104917	109.312	ug/l	83
60) Dibromochloromethane	9.525	129	14834	19.470	ug/l	98
61) 1,2-Dibromoethane	9.610	107	16174	19.688	ug/l	98
64) Tetrachloroethene	9.275	164	13532	18.889	ug/l #	89
65) Chlorobenzene	10.080	112	38454	18.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14202	19.040	ug/l	99
67) Ethyl Benzene	10.195	91	74015	19.844	ug/l	97
68) m/p-Xylenes	10.305	106	53516	38.271	ug/l	84
69) o-Xylene	10.640	106	25893	18.854	ug/l	85
70) Styrene	10.659	104	43618	19.101	ug/l #	91
71) Bromoform	10.799	173	10241	18.634	ug/l #	98
73) Isopropylbenzene	10.964	105	70464	19.190	ug/l	97
74) N-amyl acetate	10.842	43	32348	20.097	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	24568	19.992	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	24592m	21.164	ug/l	
77) Bromobenzene	11.201	156	15472	17.856	ug/l	81
78) n-propylbenzene	11.305	91	84408	19.280	ug/l	96
79) 2-Chlorotoluene	11.366	91	52826	19.592	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	62024	19.683	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	5897	20.233	ug/l #	57
82) 4-Chlorotoluene	11.457	91	61831	19.703	ug/l	94
83) tert-Butylbenzene	11.719	119	56791	19.362	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	62083	19.636	ug/l	95
85) sec-Butylbenzene	11.890	105	72707	19.652	ug/l	97
86) p-Isopropyltoluene	12.012	119	59285	19.132	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	30527	18.848	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	31306	18.732	ug/l	96
89) n-Butylbenzene	12.335	91	58271	20.922	ug/l	95
90) Hexachloroethane	12.543	117	9292	19.849	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	35407	22.493	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6202	19.947	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	21900	22.735	ug/l	99
94) Hexachlorobutadiene	13.725	225	10076	22.433	ug/l	93
95) Naphthalene	13.780	128	74766	22.539	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21671	22.882	ug/l	94

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

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