

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011222\
 Data File : VX026437.D
 Acq On : 12 Jan 2022 12:48
 Operator : JC/MD
 Sample : VX0112WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBS01

Quant Time: Jan 13 05:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79253	48.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	58815	48.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.646	98	213294	48.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	77424	49.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22323	16.311	ug/l	99
3) Chloromethane	1.294	50	20484	16.327	ug/l	96
4) Vinyl Chloride	1.379	62	21650	16.436	ug/l	98
5) Bromomethane	1.617	94	11301	18.599	ug/l	96
6) Chloroethane	1.690	64	11624	17.451	ug/l	99
7) Trichlorofluoromethane	1.892	101	34344	16.515	ug/l	99
8) Diethyl Ether	2.135	74	12639	17.175	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	21260	16.775	ug/l	99
10) Methyl Iodide	2.459	142	22746	19.635	ug/l	99
11) Tert butyl alcohol	2.995	59	20681m	91.826	ug/l	
12) 1,1-Dichloroethene	2.324	96	19878	16.423	ug/l	97
13) Acrolein	2.239	56	22014	91.986	ug/l	99
14) Allyl chloride	2.666	41	37250	16.735	ug/l	99
15) Acrylonitrile	3.068	53	59023	85.134	ug/l	100
16) Acetone	2.392	43	67487	81.741	ug/l	100
17) Carbon Disulfide	2.520	76	56106	15.877	ug/l	98
18) Methyl Acetate	2.709	43	27381	16.682	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	72746	16.564	ug/l	99
20) Methylene Chloride	2.794	84	22008	16.134	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21470	16.385	ug/l	97
22) Diisopropyl ether	3.757	45	76707	16.965	ug/l	90
23) Vinyl Acetate	3.721	43	319378	85.812	ug/l	98
24) 1,1-Dichloroethane	3.611	63	40522	16.595	ug/l	99
25) 2-Butanone	4.562	43	88368	82.302	ug/l	98
26) 2,2-Dichloropropane	4.483	77	28937	15.987	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25004	16.720	ug/l	100
28) Bromochloromethane	4.903	49	20148	20.094	ug/l	97
29) Tetrahydrofuran	5.007	42	53404	83.746	ug/l	99
30) Chloroform	5.098	83	42396	16.710	ug/l	98
31) Cyclohexane	5.470	56	39396	16.498	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	37401	16.759	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32084	16.697	ug/l	100
37) Ethyl Acetate	4.714	43	32387	16.662	ug/l	99
38) Carbon Tetrachloride	5.678	117	33386	16.891	ug/l	97
39) Methylcyclohexane	7.378	83	38896	16.782	ug/l	97
40) Benzene	6.037	78	89127	16.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19315	17.542	ug/l	98
42) 1,2-Dichloroethane	6.086	62	35303	16.989	ug/l	100
43) Isopropyl Acetate	6.342	43	53632	17.081	ug/l	100
44) Trichloroethene	7.122	130	25061	16.629	ug/l	99
45) 1,2-Dichloropropane	7.433	63	22858	17.242	ug/l	99
46) Dibromomethane	7.580	93	16060	17.185	ug/l	98
47) Bromodichloromethane	7.823	83	31665	16.769	ug/l	99
48) Methyl methacrylate	7.689	41	26553	17.064	ug/l	99
49) 1,4-Dioxane	7.695	88	8555	335.020	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	165329	88.774	ug/l	100
52) Toluene	8.720	92	55019	16.893	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	30218	16.287	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	34885	17.201	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	21877	17.213	ug/l	98
56) Ethyl methacrylate	9.116	69	33663	17.283	ug/l	97
57) 1,3-Dichloropropane	9.311	76	38365	17.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	99027	96.958	ug/l	100
59) 2-Hexanone	9.433	43	126029	88.417	ug/l	100
60) Dibromochloromethane	9.524	129	22760	17.184	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22887	17.281	ug/l	100
64) Tetrachloroethene	9.274	164	25647	16.898	ug/l	97
65) Chlorobenzene	10.079	112	57431	16.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21173	16.842	ug/l	100
67) Ethyl Benzene	10.195	91	104727	17.033	ug/l	99
68) m/p-Xylenes	10.299	106	79471	34.538	ug/l	99
69) o-Xylene	10.640	106	38082	17.152	ug/l	97
70) Styrene	10.658	104	63369	17.491	ug/l	100
71) Bromoform	10.799	173	14664	16.802	ug/l #	99
73) Isopropylbenzene	10.963	105	102493	16.872	ug/l	100
74) N-amyl acetate	10.841	43	39427	16.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	28065	17.212	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	28111m	17.228	ug/l	
77) Bromobenzene	11.201	156	22758	16.353	ug/l	96
78) n-propylbenzene	11.305	91	116903	16.876	ug/l	100
79) 2-Chlorotoluene	11.366	91	70586	16.803	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84773	16.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6998	17.156	ug/l	94
82) 4-Chlorotoluene	11.457	91	82259	17.038	ug/l	99
83) tert-Butylbenzene	11.713	119	80507	17.220	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	84829	16.935	ug/l	99
85) sec-Butylbenzene	11.890	105	103114	17.051	ug/l	100
86) p-Isopropyltoluene	12.012	119	86195	16.989	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43689	16.749	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43729	16.562	ug/l	98
89) n-Butylbenzene	12.335	91	75230	17.279	ug/l	99
90) Hexachloroethane	12.542	117	12546	16.350	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42181	17.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6567	16.664	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	26037	16.475	ug/l	99
94) Hexachlorobutadiene	13.725	225	11333	16.987	ug/l	98
95) Naphthalene	13.780	128	89409	16.961	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26657	17.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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