

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027364.D
 Acq On : 09 Mar 2022 20:58
 Operator : JC/MD
 Sample : VX0309WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 05:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	336471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175436	44.711	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.420%		
35) Dibromofluoromethane	5.391	113	165357	47.808	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.620%		
50) Toluene-d8	8.653	98	625887	47.932	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.860%		
62) 4-Bromofluorobenzene	11.079	95	230130	46.241	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65471	18.983	ug/l	100
3) Chloromethane	1.294	50	63034	17.380	ug/l	98
4) Vinyl Chloride	1.374	62	65585	17.595	ug/l	97
5) Bromomethane	1.599	94	43539	26.463	ug/l	99
6) Chloroethane	1.684	64	40334	17.543	ug/l	100
7) Trichlorofluoromethane	1.886	101	95840	18.463	ug/l	98
8) Diethyl Ether	2.136	74	35689	17.645	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	63465	18.701	ug/l	95
10) Methyl Iodide	2.453	142	92603	19.332	ug/l	99
11) Tert butyl alcohol	2.965	59	68429	88.959	ug/l	100
12) 1,1-Dichloroethene	2.318	96	61960	18.992	ug/l	94
13) Acrolein	2.239	56	47472	88.043	ug/l	97
14) Allyl chloride	2.666	41	89902	17.568	ug/l	95
15) Acrylonitrile	3.062	53	184318	91.049	ug/l	99
16) Acetone	2.379	43	140655	90.652	ug/l	99
17) Carbon Disulfide	2.514	76	152570	17.213	ug/l	100
18) Methyl Acetate	2.703	43	76933	17.836	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	200922	18.588	ug/l	98
20) Methylene Chloride	2.788	84	71892	18.755	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68326	18.842	ug/l	95
22) Diisopropyl ether	3.763	45	188147	18.391	ug/l #	90
23) Vinyl Acetate	3.727	43	783044	91.496	ug/l	98
24) 1,1-Dichloroethane	3.611	63	115738	18.632	ug/l	99
25) 2-Butanone	4.562	43	238288	88.164	ug/l	100
26) 2,2-Dichloropropane	4.483	77	74098	16.637	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	79505	18.897	ug/l	92
28) Bromochloromethane	4.903	49	37946	14.682	ug/l	88
29) Tetrahydrofuran	5.013	42	160413	89.699	ug/l	96
30) Chloroform	5.098	83	123009	18.762	ug/l	100
31) Cyclohexane	5.476	56	102995	18.766	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	105303	18.792	ug/l	98
36) 1,1-Dichloropropene	5.696	75	87944	18.313	ug/l	97
37) Ethyl Acetate	4.721	43	88158	17.416	ug/l	97
38) Carbon Tetrachloride	5.678	117	94859	19.103	ug/l	95
39) Methylcyclohexane	7.385	83	113988	18.797	ug/l	99
40) Benzene	6.043	78	276712	18.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48785	17.875	ug/l	99
42) 1,2-Dichloroethane	6.092	62	89486	18.729	ug/l	98
43) Isopropyl Acetate	6.342	43	136020	17.825	ug/l	99
44) Trichloroethene	7.129	130	78001	19.417	ug/l	99
45) 1,2-Dichloropropane	7.433	63	68945	18.812	ug/l	98
46) Dibromomethane	7.586	93	50396	19.328	ug/l	96
47) Bromodichloromethane	7.824	83	91379	18.977	ug/l	99
48) Methyl methacrylate	7.696	41	68446	18.038	ug/l	95
49) 1,4-Dioxane	7.659	88	38101	383.438	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	470080	92.014	ug/l	98
52) Toluene	8.720	92	182056	19.525	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	89468	18.109	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	104072	18.765	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	76971	19.780	ug/l	98
56) Ethyl methacrylate	9.116	69	107225	18.681	ug/l	98
57) 1,3-Dichloropropane	9.311	76	120184	19.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	241984	83.502	ug/l	98
59) 2-Hexanone	9.433	43	360258	91.289	ug/l	97
60) Dibromochloromethane	9.525	129	75578	19.030	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79364	19.750	ug/l	98
64) Tetrachloroethene	9.275	164	67606	19.560	ug/l	97
65) Chlorobenzene	10.079	112	201368	19.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	72691	20.037	ug/l	98
67) Ethyl Benzene	10.195	91	346844	19.382	ug/l	95
68) m/p-Xylenes	10.305	106	276794	39.434	ug/l	97
69) o-Xylene	10.640	106	134360	19.388	ug/l	100
70) Styrene	10.658	104	223967	19.470	ug/l	99
71) Bromoform	10.799	173	56302	19.003	ug/l #	98
73) Isopropylbenzene	10.963	105	351493	20.086	ug/l	100
74) N-amyl acetate	10.841	43	115829	18.110	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	114614	19.059	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	101327m	19.302	ug/l	
77) Bromobenzene	11.201	156	88844	20.119	ug/l	94
78) n-propylbenzene	11.305	91	385442	19.581	ug/l	98
79) 2-Chlorotoluene	11.366	91	239095	19.435	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	296105	19.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	28264	17.412	ug/l	89
82) 4-Chlorotoluene	11.457	91	268317	19.280	ug/l	98
83) tert-Butylbenzene	11.719	119	300448	20.035	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	297281	19.979	ug/l	100
85) sec-Butylbenzene	11.890	105	358312	19.810	ug/l	99
86) p-Isopropyltoluene	12.012	119	301268	19.674	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160905	19.395	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	160818	19.146	ug/l	99
89) n-Butylbenzene	12.335	91	236972	18.475	ug/l	97
90) Hexachloroethane	12.542	117	44774	18.760	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	158693	19.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23899	18.968	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	103975	19.365	ug/l	99
94) Hexachlorobutadiene	13.725	225	45070	19.143	ug/l	95
95) Naphthalene	13.780	128	362348	20.102	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	105210	19.608	ug/l	95

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

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