

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027340.D
 Acq On : 08 Mar 2022 18:45
 Operator : JC/MD
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Quant Time: Mar 09 00:17:40 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	40218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	54354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	33551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	8878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9960	21.237	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	42.480%#		
35) Dibromofluoromethane	5.391	113	13766	39.250	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	78.500%		
50) Toluene-d8	8.653	98	59647	45.048	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.100%		
62) 4-Bromofluorobenzene	11.085	95	11664	23.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	46.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9640	23.384	ug/l	98
3) Chloromethane	1.288	50	8092	18.666	ug/l	94
4) Vinyl Chloride	1.374	62	8710	19.549	ug/l	91
5) Bromomethane	1.593	94	3355	15.026	ug/l	93
6) Chloroethane	1.666	64	5063	18.441	ug/l	97
7) Trichlorofluoromethane	1.867	101	12291	19.810	ug/l	98
8) Diethyl Ether	2.130	74	1926	7.967	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	9805	24.172	ug/l	96
10) Methyl Iodide	2.447	142	10473	18.291	ug/l	98
11) Tert butyl alcohol	2.934	59	169	1.838	ug/l #	72
12) 1,1-Dichloroethene	2.312	96	7959	20.410	ug/l	94
13) Acrolein	2.239	56	566	8.782	ug/l #	74
14) Allyl chloride	2.660	41	7774	12.709	ug/l	95
15) Acrylonitrile	3.087	53	927	3.831	ug/l #	30
16) Acetone	2.392	43	523	Below Cal	#	69
17) Carbon Disulfide	2.501	76	18896	17.835	ug/l	99
18) Methyl Acetate	2.715	43	698	1.354	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	8919	6.903	ug/l	93
20) Methylene Chloride	2.782	84	5454	11.903	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	7167	16.535	ug/l	90
22) Diisopropyl ether	3.757	45	14082	11.516	ug/l #	83
23) Vinyl Acetate	3.727	43	26441	25.848	ug/l	100
24) 1,1-Dichloroethane	3.611	63	11441	15.409	ug/l	95
25) 2-Butanone	4.574	43	445	1.377	ug/l #	44
26) 2,2-Dichloropropane	4.483	77	8320	15.628	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	6586	13.097	ug/l	94
28) Bromochloromethane	4.910	49	2601	8.419	ug/l #	91
30) Chloroform	5.099	83	10606	13.534	ug/l	90
31) Cyclohexane	5.470	56	16622	25.337	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	11060	16.513	ug/l	99
36) 1,1-Dichloropropene	5.696	75	10898	22.380	ug/l	98
37) Ethyl Acetate	4.727	43	921	1.794	ug/l #	65
38) Carbon Tetrachloride	5.678	117	10614	21.079	ug/l	95
39) Methylcyclohexane	7.379	83	21773	35.409	ug/l	95
40) Benzene	6.037	78	26119	17.611	ug/l	99
41) Methacrylonitrile	4.928	41	817m	2.952	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	4445	9.175	ug/l	84
43) Isopropyl Acetate	6.342	43	3175	4.103	ug/l #	94
44) Trichloroethene	7.129	130	7688	18.873	ug/l	89
45) 1,2-Dichloropropane	7.433	63	5394	14.515	ug/l	97
46) Dibromomethane	7.592	93	1660	6.278	ug/l	95
47) Bromodichloromethane	7.824	83	5601	11.471	ug/l #	96
48) Methyl methacrylate	7.708	41	1500	3.898	ug/l	92
49) 1,4-Dioxane	7.690	88	105	10.421	ug/l #	25
51) 4-Methyl-2-Pentanone	8.580	43	3784	7.304	ug/l	97
52) Toluene	8.720	92	16091	17.019	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	2352	4.695	ug/l	90
54) cis-1,3-Dichloropropene	8.372	75	4689	8.338	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	2690	6.817	ug/l	92
56) Ethyl methacrylate	9.122	69	2510	4.313	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	4341	6.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6533	22.232	ug/l	97
59) 2-Hexanone	9.445	43	804	2.009	ug/l	89
60) Dibromochloromethane	9.518	129	2761	6.856	ug/l	100
61) 1,2-Dibromoethane	9.616	107	2024	4.967	ug/l	100
64) Tetrachloroethene	9.275	164	7861	33.434	ug/l	88
65) Chlorobenzene	10.079	112	13264	18.791	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.165	131	4771	19.332	ug/l	95
67) Ethyl Benzene	10.195	91	30729	25.244	ug/l	98
68) m/p-Xylenes	10.305	106	22511	47.146	ug/l	98
69) o-Xylene	10.646	106	10194	21.625	ug/l	97
70) Styrene	10.659	104	11165	14.268	ug/l	91
71) Bromoform	10.805	173	1185	5.880	ug/l #	99
73) Isopropylbenzene	10.963	105	36280	55.876	ug/l	99
74) N-amyl acetate	10.848	43	1562	6.582	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.219	83	2460	11.025	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1754m	9.005	ug/l	
77) Bromobenzene	11.201	156	3740	22.826	ug/l	96
78) n-propylbenzene	11.305	91	38154	52.239	ug/l	98
79) 2-Chlorotoluene	11.366	91	19484	42.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	26479	47.567	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	277	4.599	ug/l #	47
82) 4-Chlorotoluene	11.457	91	16909	32.745	ug/l	98
83) tert-Butylbenzene	11.719	119	31250	56.162	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	22238	40.279	ug/l	97
85) sec-Butylbenzene	11.890	105	44000	65.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	31808	55.982	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	6997	22.730	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	5560	17.840	ug/l	96
89) n-Butylbenzene	12.335	91	24825	52.162	ug/l	98
90) Hexachloroethane	12.542	117	4398	49.663	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	6034	19.881	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20	0.428	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	1754	8.804	ug/l	93
94) Hexachlorobutadiene	13.725	225	5584	63.922	ug/l	92
95) Naphthalene	13.780	128	2951	4.412	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1478	7.424	ug/l	95

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

