

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027753.D
 Acq On : 28 Mar 2022 16:31
 Operator : JC/MD
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Quant Time: Mar 29 05:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	58998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	98421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44982	46.486	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.980%		
35) Dibromofluoromethane	5.385	113	34887	53.978	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.960%		
50) Toluene-d8	8.647	98	126335	50.565	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.140%		
62) 4-Bromofluorobenzene	11.079	95	53781	53.049	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	11648	17.021	ug/l	99
3) Chloromethane	1.295	50	10762	15.177	ug/l	94
4) Vinyl Chloride	1.374	62	10195	14.968	ug/l	98
5) Bromomethane	1.599	94	6680	24.428	ug/l	97
6) Chloroethane	1.685	64	6403	14.649	ug/l	97
7) Trichlorofluoromethane	1.886	101	17199	17.107	ug/l	96
8) Diethyl Ether	2.130	74	6514	17.952	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	11412	16.973	ug/l	97
10) Methyl Iodide	2.453	142	13460	20.868	ug/l	91
11) Tert butyl alcohol	2.953	59	14603	81.053	ug/l	98
12) 1,1-Dichloroethene	2.319	96	10468	16.704	ug/l	95
13) Acrolein	2.233	56	10422	82.642	ug/l	95
14) Allyl chloride	2.660	41	18697	15.771	ug/l	91
15) Acrylonitrile	3.063	53	38330	86.873	ug/l	100
16) Acetone	2.380	43	33069	80.806	ug/l	91
17) Carbon Disulfide	2.508	76	22135	13.165	ug/l	99
18) Methyl Acetate	2.703	43	16953	16.198	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	43921	19.091	ug/l	93
20) Methylene Chloride	2.782	84	13244	18.139	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	11872	17.032	ug/l	97
22) Diisopropyl ether	3.757	45	40224	17.028	ug/l #	79
23) Vinyl Acetate	3.721	43	178893	86.606	ug/l	95
24) 1,1-Dichloroethane	3.611	63	22716	16.972	ug/l	99
25) 2-Butanone	4.550	43	51598	78.509	ug/l	96
26) 2,2-Dichloropropane	4.483	77	17145	16.751	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	14143	18.216	ug/l	96
28) Bromochloromethane	4.904	49	9689	18.148	ug/l	97
29) Tetrahydrofuran	5.007	42	33142	86.834	ug/l	94
30) Chloroform	5.093	83	24757	18.458	ug/l	89
31) Cyclohexane	5.465	56	18078	15.408	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	20250	16.988	ug/l	97
36) 1,1-Dichloropropene	5.690	75	16240	15.908	ug/l	99
37) Ethyl Acetate	4.709	43	19280	16.226	ug/l	98
38) Carbon Tetrachloride	5.672	117	16833	16.873	ug/l	95
39) Methylcyclohexane	7.379	83	19794	16.856	ug/l	100
40) Benzene	6.031	78	50798	18.014	ug/l	92

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41) Methacrylonitrile	4.910	41	10907	17.524	ug/l	92
42) 1,2-Dichloroethane	6.086	62	20265	16.904	ug/l	96
43) Isopropyl Acetate	6.342	43	31557	17.585	ug/l	96
44) Trichloroethene	7.129	130	13489	18.487	ug/l	92
45) 1,2-Dichloropropane	7.428	63	13334	18.017	ug/l	98
46) Dibromomethane	7.580	93	9746	18.402	ug/l	94
47) Bromodichloromethane	7.824	83	18635	17.967	ug/l #	98
48) Methyl methacrylate	7.690	41	15894	17.824	ug/l	87
49) 1,4-Dioxane	7.659	88	6361	335.994	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	105920	85.977	ug/l	93
52) Toluene	8.720	92	32730	18.565	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	19672	18.197	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	21339	18.662	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	14687	20.506	ug/l	97
56) Ethyl methacrylate	9.116	69	23139	19.765	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	24901	19.273	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	53771	89.714	ug/l	97
59) 2-Hexanone	9.427	43	87611	91.004	ug/l	83
60) Dibromochloromethane	9.519	129	14081	20.323	ug/l	97
61) 1,2-Dibromoethane	9.610	107	15401	20.136	ug/l	99
64) Tetrachloroethene	9.275	164	12602	19.006	ug/l	93
65) Chlorobenzene	10.080	112	37113	19.223	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	13018	19.619	ug/l	98
67) Ethyl Benzene	10.195	91	64475	17.930	ug/l	98
68) m/p-Xylenes	10.305	106	48083	36.892	ug/l	90
69) o-Xylene	10.640	106	24205	18.481	ug/l	89
70) Styrene	10.659	104	41350	19.860	ug/l	94
71) Bromoform	10.799	173	9723	20.225	ug/l #	99
73) Isopropylbenzene	10.964	105	62841	18.053	ug/l	98
74) N-amyl acetate	10.842	43	27764	16.618	ug/l	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	22019	17.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	21340m	18.085	ug/l	
77) Bromobenzene	11.201	156	15199	19.762	ug/l	90
78) n-propylbenzene	11.305	91	74394	18.013	ug/l	99
79) 2-Chlorotoluene	11.366	91	46391	17.817	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	56255	18.802	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6109	17.622	ug/l #	84
82) 4-Chlorotoluene	11.457	91	52211	17.431	ug/l	98
83) tert-Butylbenzene	11.713	119	51824	18.855	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	55467	18.265	ug/l	95
85) sec-Butylbenzene	11.890	105	65482	18.187	ug/l	98
86) p-Isopropyltoluene	12.012	119	54521	19.240	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	27228	18.935	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	28852	19.369	ug/l	94
89) n-Butylbenzene	12.335	91	49174	18.330	ug/l	96
90) Hexachloroethane	12.543	117	8012	17.717	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	28168	20.202	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5413	18.006	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	17794	21.652	ug/l	98
94) Hexachlorobutadiene	13.725	225	8548	21.360	ug/l	93
95) Naphthalene	13.780	128	64980	21.530	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18554	22.586	ug/l	95

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

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