

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027547.D
 Acq On : 18 Mar 2022 23:35
 Operator : JC/MD
 Sample : VX0318WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS02

Quant Time: Mar 19 03:11:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	314554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	486046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202181	52.176	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.360%			
35) Dibromofluoromethane	5.391	113	177835	56.868	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.740%			
50) Toluene-d8	8.653	98	653850	55.255	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.500%			
62) 4-Bromofluorobenzene	11.085	95	235514	54.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62765	20.788	ug/l	100
3) Chloromethane	1.294	50	57227	21.351	ug/l	100
4) Vinyl Chloride	1.374	62	63743	20.583	ug/l	98
5) Bromomethane	1.599	94	39577	21.906	ug/l	97
6) Chloroethane	1.684	64	43409	22.842	ug/l	99
7) Trichlorofluoromethane	1.886	101	100240	19.608	ug/l	97
8) Diethyl Ether	2.136	74	37736	19.817	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	60386	19.836	ug/l	94
10) Methyl Iodide	2.453	142	56997	14.144	ug/l	99
11) Tert butyl alcohol	2.965	59	69880	94.624	ug/l	100
12) 1,1-Dichloroethene	2.318	96	60344	20.660	ug/l	94
13) Acrolein	2.239	56	36947	64.471	ug/l	96
14) Allyl chloride	2.666	41	84407	18.467	ug/l	95
15) Acrylonitrile	3.068	53	184523	109.904	ug/l	99
16) Acetone	2.379	43	144605	91.553	ug/l	99
17) Carbon Disulfide	2.507	76	150087	20.194	ug/l	99
18) Methyl Acetate	2.709	43	75697	19.997	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	192620	19.546	ug/l	99
20) Methylene Chloride	2.788	84	70562	20.778	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	66455	21.329	ug/l	93
22) Diisopropyl ether	3.769	45	183754	20.587	ug/l	97
23) Vinyl Acetate	3.727	43	779890	100.471	ug/l	97
24) 1,1-Dichloroethane	3.611	63	111581	20.554	ug/l	99
25) 2-Butanone	4.562	43	242614	102.095	ug/l	98
26) 2,2-Dichloropropane	4.477	77	66409	14.980	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	77445	21.434	ug/l	92
28) Bromochloromethane	4.903	49	46509	21.238	ug/l	87
29) Tetrahydrofuran	5.013	42	161622	106.020	ug/l	96
30) Chloroform	5.098	83	124372	20.769	ug/l	97
31) Cyclohexane	5.470	56	98261	20.421	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	105540	19.357	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90216	21.111	ug/l	100
37) Ethyl Acetate	4.720	43	91151	21.406	ug/l	99
38) Carbon Tetrachloride	5.678	117	98584	20.165	ug/l	98
39) Methylcyclohexane	7.385	83	105349	19.604	ug/l	96
40) Benzene	6.043	78	267198	21.794	ug/l	99

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41) Methacrylonitrile	4.922	41	48222	20.765	ug/l	99
42) 1,2-Dichloroethane	6.092	62	97650	21.252	ug/l	98
43) Isopropyl Acetate	6.348	43	139991	20.427	ug/l	96
44) Trichloroethene	7.129	130	77196	20.742	ug/l	98
45) 1,2-Dichloropropane	7.433	63	67563	21.636	ug/l	98
46) Dibromomethane	7.586	93	50696	21.252	ug/l	98
47) Bromodichloromethane	7.824	83	94154	20.962	ug/l	99
48) Methyl methacrylate	7.696	41	72825	21.472	ug/l	90
49) 1,4-Dioxane	7.659	88	37969	435.866	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	487273	111.382	ug/l	95
52) Toluene	8.720	92	175737	21.390	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	88955	19.296	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99894	19.910	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	72651	21.718	ug/l	98
56) Ethyl methacrylate	9.116	69	104357	20.851	ug/l	92
57) 1,3-Dichloropropane	9.311	76	119194	21.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	227132	88.855	ug/l	99
59) 2-Hexanone	9.433	43	377315	111.983	ug/l	91
60) Dibromochloromethane	9.524	129	77465	21.037	ug/l	95
61) 1,2-Dibromoethane	9.610	107	77034	20.952	ug/l	97
64) Tetrachloroethene	9.275	164	71740	20.557	ug/l	96
65) Chlorobenzene	10.079	112	195668	21.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	71604	20.786	ug/l	98
67) Ethyl Benzene	10.195	91	330820	20.933	ug/l	98
68) m/p-Xylenes	10.305	106	261941	42.095	ug/l	99
69) o-Xylene	10.646	106	128120	21.206	ug/l	100
70) Styrene	10.658	104	211714	21.451	ug/l	99
71) Bromoform	10.799	173	55440	20.145	ug/l #	98
73) Isopropylbenzene	10.963	105	330896	20.944	ug/l	99
74) N-amyl acetate	10.847	43	114565	20.450	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	110246	22.029	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	96909m	21.359	ug/l	
77) Bromobenzene	11.201	156	83710	21.020	ug/l	96
78) n-propylbenzene	11.305	91	364566	21.020	ug/l	98
79) 2-Chlorotoluene	11.366	91	226852	20.851	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	284907	21.426	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24873	16.649	ug/l #	85
82) 4-Chlorotoluene	11.457	91	256997	20.747	ug/l	98
83) tert-Butylbenzene	11.719	119	278512	21.143	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	283759	21.397	ug/l	99
85) sec-Butylbenzene	11.890	105	336626	21.146	ug/l	100
86) p-Isopropyltoluene	12.012	119	283631	20.744	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153622	20.820	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	152079	20.369	ug/l	98
89) n-Butylbenzene	12.335	91	223962	19.627	ug/l	97
90) Hexachloroethane	12.542	117	43227	19.824	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	152220	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23337	20.331	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	90277	19.550	ug/l	99
94) Hexachlorobutadiene	13.725	225	38270	18.761	ug/l	96
95) Naphthalene	13.780	128	315699	21.001	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	92583	19.820	ug/l	98

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

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