

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026842.D
 Acq On : 08 Feb 2022 23:43
 Operator : JC/MD
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66286	52.637	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.391	113	52926	51.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.653	98	202588	53.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.520%			
62) 4-Bromofluorobenzene	11.079	95	73178	55.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	21734	19.053	ug/l	100
3) Chloromethane	1.294	50	20908	19.703	ug/l	100
4) Vinyl Chloride	1.380	62	21306	19.180	ug/l	99
5) Bromomethane	1.617	94	9817	20.826	ug/l	99
6) Chloroethane	1.691	64	12554	18.836	ug/l	100
7) Trichlorofluoromethane	1.892	101	30321	18.548	ug/l	96
8) Diethyl Ether	2.136	74	11205	18.504	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	19487	18.186	ug/l	98
10) Methyl Iodide	2.459	142	24483	17.985	ug/l	97
11) Tert butyl alcohol	2.989	59	22207	97.614	ug/l	96
12) 1,1-Dichloroethene	2.325	96	19527	18.188	ug/l	90
13) Acrolein	2.239	56	20271	96.420	ug/l	99
14) Allyl chloride	2.672	41	34747	18.271	ug/l	97
15) Acrylonitrile	3.068	53	63214	96.966	ug/l	99
16) Acetone	2.386	43	51341	92.825	ug/l	94
17) Carbon Disulfide	2.520	76	54239	17.846	ug/l	100
18) Methyl Acetate	2.709	43	29179	18.336	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	69255	18.224	ug/l	100
20) Methylene Chloride	2.794	84	21712	18.117	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	20979	18.569	ug/l	97
22) Diisopropyl ether	3.763	45	72041	18.815	ug/l	99
23) Vinyl Acetate	3.727	43	306657	95.260	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38597	18.629	ug/l	98
25) 2-Butanone	4.562	43	88503	99.316	ug/l	99
26) 2,2-Dichloropropane	4.483	77	26059	18.616	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	24469	18.863	ug/l	96
28) Bromochloromethane	4.903	49	17667	20.571	ug/l	98
29) Tetrahydrofuran	5.007	42	59089	97.536	ug/l	98
30) Chloroform	5.099	83	39723	18.453	ug/l	98
31) Cyclohexane	5.483	56	36238	18.110	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	34703	18.285	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29768	18.381	ug/l	98
37) Ethyl Acetate	4.721	43	35131	19.087	ug/l	99
38) Carbon Tetrachloride	5.684	117	30524	17.973	ug/l	96
39) Methylcyclohexane	7.385	83	35690	17.970	ug/l	96
40) Benzene	6.043	78	87535	18.545	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18964	19.011	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31468	18.919	ug/l	98
43) Isopropyl Acetate	6.342	43	53489	18.888	ug/l	99
44) Trichloroethene	7.129	130	25329	17.872	ug/l	95
45) 1,2-Dichloropropane	7.433	63	21927	18.361	ug/l	97
46) Dibromomethane	7.586	93	15763	19.076	ug/l	98
47) Bromodichloromethane	7.824	83	30098	19.019	ug/l	98
48) Methyl methacrylate	7.696	41	26858	19.141	ug/l	98
49) 1,4-Dioxane	7.683	88	9533	394.261	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	171928	100.186	ug/l	98
52) Toluene	8.720	92	56479	18.899	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	29207	17.939	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33331	19.074	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22357	19.762	ug/l	97
56) Ethyl methacrylate	9.116	69	35392	19.735	ug/l	98
57) 1,3-Dichloropropane	9.311	76	37804	19.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	90902	98.756	ug/l	98
59) 2-Hexanone	9.433	43	127863	101.866	ug/l	99
60) Dibromochloromethane	9.525	129	23121	19.862	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23462	19.628	ug/l	100
64) Tetrachloroethene	9.275	164	26392	16.823	ug/l	97
65) Chlorobenzene	10.079	112	59016	18.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21833	18.373	ug/l	100
67) Ethyl Benzene	10.195	91	107310	18.769	ug/l	100
68) m/p-Xylenes	10.305	106	81025	36.833	ug/l	99
69) o-Xylene	10.640	106	39441	18.298	ug/l	99
70) Styrene	10.658	104	65467	18.727	ug/l	98
71) Bromoform	10.799	173	14851	17.396	ug/l #	99
73) Isopropylbenzene	10.963	105	104718	19.317	ug/l	99
74) N-amyl acetate	10.841	43	41272	19.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27470	18.673	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	29260m	19.422	ug/l	
77) Bromobenzene	11.201	156	24114	18.713	ug/l	97
78) n-propylbenzene	11.305	91	116790	19.433	ug/l	99
79) 2-Chlorotoluene	11.366	91	70599	19.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86198	19.320	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7461	17.826	ug/l	97
82) 4-Chlorotoluene	11.457	91	79679	19.127	ug/l	98
83) tert-Butylbenzene	11.713	119	79836	18.774	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	85099	18.910	ug/l	99
85) sec-Butylbenzene	11.890	105	102071	18.936	ug/l	99
86) p-Isopropyltoluene	12.012	119	86014	18.836	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43779	18.541	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43352	18.206	ug/l	98
89) n-Butylbenzene	12.335	91	69399	18.575	ug/l	99
90) Hexachloroethane	12.542	117	12192	18.473	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	42652	18.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6551	18.108	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	25750	17.909	ug/l	99
94) Hexachlorobutadiene	13.725	225	10624	17.468	ug/l	100
95) Naphthalene	13.780	128	91552	18.178	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25530	17.535	ug/l	97

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

