

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025209.D
 Acq On : 18 Nov 2021 13:22
 Operator : JC/MD
 Sample : VX1118WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBSD01

Quant Time: Nov 19 08:11:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	113051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58333	48.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	51946	48.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.652	98	192747	48.099	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.085	95	71957	47.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21909	22.357	ug/l	99
3) Chloromethane	1.294	50	23214	19.131	ug/l	98
4) Vinyl Chloride	1.373	62	26363	19.789	ug/l	97
5) Bromomethane	1.599	94	17459	30.483	ug/l	99
6) Chloroethane	1.684	64	17803	19.368	ug/l	100
7) Trichlorofluoromethane	1.885	101	40585	20.525	ug/l	98
8) Diethyl Ether	2.135	74	15695	19.233	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	21411	20.351	ug/l	97
10) Methyl Iodide	2.452	142	26107	19.846	ug/l	92
11) Tert butyl alcohol	2.964	59	32208	104.046	ug/l	99
12) 1,1-Dichloroethene	2.318	96	20180	19.259	ug/l	91
13) Acrolein	2.233	56	5576	102.141	ug/l	96
14) Allyl chloride	2.660	41	35049	18.483	ug/l	94
15) Acrylonitrile	3.068	53	65952	103.137	ug/l	99
16) Acetone	2.379	43	63185	95.425	ug/l	95
17) Carbon Disulfide	2.507	76	53404	18.118	ug/l	100
18) Methyl Acetate	2.702	43	42072	19.887	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	71940	19.705	ug/l	100
20) Methylene Chloride	2.788	84	23335	18.747	ug/l	95
21) trans-1,2-Dichloroethene	3.092	96	22140	19.288	ug/l	84
22) Diisopropyl ether	3.763	45	68932	19.087	ug/l	97
23) Vinyl Acetate	3.720	43	281259	96.957	ug/l	96
24) 1,1-Dichloroethane	3.611	63	38151	19.334	ug/l #	93
25) 2-Butanone	4.562	43	95484	99.741	ug/l	94
26) 2,2-Dichloropropane	4.476	77	34378	19.216	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	25893	19.316	ug/l	89
28) Bromochloromethane	4.903	49	18125	19.698	ug/l #	91
29) Tetrahydrofuran	5.007	42	59419	100.243	ug/l	96
30) Chloroform	5.098	83	39848	19.404	ug/l	99
31) Cyclohexane	5.470	56	34670	18.828	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	36479	19.403	ug/l	98
36) 1,1-Dichloropropene	5.696	75	29352	19.367	ug/l	97
37) Ethyl Acetate	4.714	43	35251	20.444	ug/l	99
38) Carbon Tetrachloride	5.677	117	33539	20.092	ug/l	99
39) Methylcyclohexane	7.384	83	37963	19.528	ug/l	92
40) Benzene	6.037	78	88256	19.224	ug/l	99

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41) Methacrylonitrile	4.921	41	18800	19.644	ug/l	96
42) 1,2-Dichloroethane	6.092	62	30370	20.330	ug/l	92
43) Isopropyl Acetate	6.342	43	57123	19.906	ug/l	97
44) Trichloroethene	7.128	130	26180	19.630	ug/l	90
45) 1,2-Dichloropropane	7.433	63	22081	19.583	ug/l	100
46) Dibromomethane	7.586	93	16479	20.132	ug/l	91
47) Bromodichloromethane	7.823	83	31560	19.619	ug/l	99
48) Methyl methacrylate	7.695	41	26335	19.554	ug/l	95
49) 1,4-Dioxane	7.665	88	12176	428.123	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	181685	100.970	ug/l	98
52) Toluene	8.720	92	57652	19.235	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34457	19.262	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37303	19.238	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	24434	20.511	ug/l	98
56) Ethyl methacrylate	9.116	69	37927	19.619	ug/l	94
57) 1,3-Dichloropropane	9.311	76	38782	19.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	88546	98.447	ug/l	94
59) 2-Hexanone	9.433	43	140975	99.376	ug/l	96
60) Dibromochloromethane	9.524	129	26954	19.658	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25744	19.953	ug/l	98
64) Tetrachloroethene	9.274	164	26993	20.557	ug/l	93
65) Chlorobenzene	10.079	112	64374	19.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	24687	19.838	ug/l	99
67) Ethyl Benzene	10.195	91	110149	19.642	ug/l	97
68) m/p-Xylenes	10.305	106	88953	38.835	ug/l	93
69) o-Xylene	10.646	106	44402	19.806	ug/l	90
70) Styrene	10.658	104	72920	19.689	ug/l	96
71) Bromoform	10.805	173	21069	19.501	ug/l #	99
73) Isopropylbenzene	10.963	105	112281	19.622	ug/l	98
74) N-amyl acetate	10.847	43	46503	18.789	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	36218	19.568	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	33733m	20.516	ug/l	
77) Bromobenzene	11.201	156	28746	19.534	ug/l	94
78) n-propylbenzene	11.304	91	126619	19.713	ug/l	96
79) 2-Chlorotoluene	11.365	91	75443	19.293	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	93977	19.538	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	12730	19.504	ug/l	88
82) 4-Chlorotoluene	11.457	91	85816	19.225	ug/l	96
83) tert-Butylbenzene	11.719	119	95602	19.558	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	93366	19.640	ug/l	95
85) sec-Butylbenzene	11.896	105	117977	19.852	ug/l	98
86) p-Isopropyltoluene	12.012	119	99455	19.478	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53333	19.469	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	53767	19.370	ug/l	98
89) n-Butylbenzene	12.335	91	81216	18.871	ug/l	96
90) Hexachloroethane	12.542	117	18034	19.166	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	52994	19.850	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7908	20.454	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	32608	20.752	ug/l	97
94) Hexachlorobutadiene	13.725	225	14429	19.124	ug/l	95
95) Naphthalene	13.780	128	107102	19.541	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32354	21.048	ug/l	99

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

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