

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025390.D
 Acq On : 30 Nov 2021 11:26
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 02:19:29 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51688	49.569	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.140%		
35) Dibromofluoromethane	5.385	113	46528	49.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.180%		
50) Toluene-d8	8.647	98	170433	48.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	63632	47.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18442	21.506	ug/l	100
3) Chloromethane	1.294	50	18835	17.739	ug/l	99
4) Vinyl Chloride	1.374	62	20953	17.974	ug/l	97
5) Bromomethane	1.599	94	13838	27.610	ug/l	100
6) Chloroethane	1.685	64	13940	17.331	ug/l	97
7) Trichlorofluoromethane	1.886	101	32174	18.595	ug/l	100
8) Diethyl Ether	2.130	74	12867	18.019	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18797	20.417	ug/l	97
10) Methyl Iodide	2.453	142	23542	20.451	ug/l	92
11) Tert butyl alcohol	2.959	59	21371	76.653	ug/l	99
12) 1,1-Dichloroethene	2.319	96	17448	19.029	ug/l	91
13) Acrolein	2.233	56	3290	68.870	ug/l	99
14) Allyl chloride	2.666	41	29757	17.932	ug/l	96
15) Acrylonitrile	3.062	53	51389	91.837	ug/l	99
16) Acetone	2.380	43	56324	97.208	ug/l	95
17) Carbon Disulfide	2.514	76	41924	16.254	ug/l	99
18) Methyl Acetate	2.703	43	33373	18.027	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	61358	19.206	ug/l	99
20) Methylene Chloride	2.788	84	20464	18.788	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	18642	18.559	ug/l	88
22) Diisopropyl ether	3.757	45	60041	18.999	ug/l	93
23) Vinyl Acetate	3.721	43	236137	93.024	ug/l	97
24) 1,1-Dichloroethane	3.611	63	33550	19.430	ug/l	94
25) 2-Butanone	4.556	43	77629	92.667	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30343	19.383	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	22639	19.300	ug/l	90
28) Bromochloromethane	4.897	49	15519	19.274	ug/l	92
29) Tetrahydrofuran	5.007	42	46783	90.194	ug/l	99
30) Chloroform	5.093	83	35460	19.733	ug/l	92
31) Cyclohexane	5.471	56	30562	18.966	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31700	19.268	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25781	19.325	ug/l	98
37) Ethyl Acetate	4.708	43	27323	18.001	ug/l	99
38) Carbon Tetrachloride	5.678	117	28817	19.612	ug/l	98
39) Methylcyclohexane	7.379	83	32846	19.195	ug/l	91
40) Benzene	6.037	78	78242	19.361	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15108	17.934	ug/l	95
42) 1,2-Dichloroethane	6.086	62	26756	20.347	ug/l	93
43) Isopropyl Acetate	6.342	43	46497	18.407	ug/l	98
44) Trichloroethene	7.123	130	22780	19.404	ug/l	94
45) 1,2-Dichloropropane	7.428	63	19170	19.314	ug/l	99
46) Dibromomethane	7.580	93	14244	19.768	ug/l	92
47) Bromodichloromethane	7.824	83	26744	18.887	ug/l	99
48) Methyl methacrylate	7.690	41	21348	18.008	ug/l	94
49) 1,4-Dioxane	7.659	88	8912	355.985	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	144078	90.962	ug/l	98
52) Toluene	8.720	92	50292	19.062	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28739	18.251	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	31449	18.425	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	20810	19.845	ug/l	99
56) Ethyl methacrylate	9.116	69	30801	18.100	ug/l	96
57) 1,3-Dichloropropane	9.311	76	33247	19.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	72940	92.128	ug/l	94
59) 2-Hexanone	9.433	43	113926	91.234	ug/l	97
60) Dibromochloromethane	9.519	129	21506	17.819	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21692	19.099	ug/l	98
64) Tetrachloroethene	9.275	164	23355	20.415	ug/l	92
65) Chlorobenzene	10.079	112	56068	19.831	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21223	19.575	ug/l	97
67) Ethyl Benzene	10.195	91	97654	19.988	ug/l	96
68) m/p-Xylenes	10.305	106	78297	39.235	ug/l	93
69) o-Xylene	10.640	106	38339	19.629	ug/l	92
70) Styrene	10.659	104	61979	19.208	ug/l	98
71) Bromoform	10.799	173	16433	17.458	ug/l #	99
73) Isopropylbenzene	10.963	105	98544	19.514	ug/l	98
74) N-amyl acetate	10.842	43	38442	17.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	30952	18.949	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28388m	19.565	ug/l	
77) Bromobenzene	11.201	156	24847	19.133	ug/l	94
78) n-propylbenzene	11.305	91	111739	19.713	ug/l	96
79) 2-Chlorotoluene	11.366	91	66692	19.326	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	84827	19.984	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9234	16.032	ug/l	97
82) 4-Chlorotoluene	11.457	91	76650	19.458	ug/l	96
83) tert-Butylbenzene	11.713	119	84051	19.484	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	82394	19.640	ug/l	96
85) sec-Butylbenzene	11.890	105	103979	19.827	ug/l	98
86) p-Isopropyltoluene	12.012	119	87569	19.434	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	47326	19.576	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	47694	19.470	ug/l	98
89) n-Butylbenzene	12.335	91	72155	18.998	ug/l	96
90) Hexachloroethane	12.542	117	14347	17.278	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	46123	19.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6083	17.829	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	27362	19.732	ug/l	97
94) Hexachlorobutadiene	13.725	225	13159	19.763	ug/l	98
95) Naphthalene	13.780	128	85797	17.703	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27353	20.164	ug/l	99

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

