

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025361.D
 Acq On : 29 Nov 2021 11:50
 Operator : JC/MD
 Sample : VX1129WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 11/30/2021

Quant Time: Nov 29 15:39:49 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	5.556	168	102906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58006	53.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.960%			
35) Dibromofluoromethane	5.385	113	52378	53.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.647	98	191603	52.511	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.020%			
62) 4-Bromofluorobenzene	11.079	95	71397	51.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19933	22.346	ug/l	97
3) Chloromethane	1.294	50	20870	18.895	ug/l	99
4) Vinyl Chloride	1.374	62	22685	18.707	ug/l	99
5) Bromomethane	1.599	94	15694	30.102	ug/l	93
6) Chloroethane	1.685	64	15571	18.610	ug/l	100
7) Trichlorofluoromethane	1.886	101	34492	19.163	ug/l	99
8) Diethyl Ether	2.136	74	13753	18.515	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	19894	20.773	ug/l	95
10) Methyl Iodide	2.453	142	23000	19.208	ug/l	93
11) Tert butyl alcohol	2.959	59	25755	90.276	ug/l	97
12) 1,1-Dichloroethene	2.319	96	18604	19.506	ug/l	89
13) Acrolein	2.233	56	5548	111.647	ug/l	96
14) Allyl chloride	2.666	41	32059	18.572	ug/l	95
15) Acrylonitrile	3.062	53	55831	95.917	ug/l	99
16) Acetone	2.380	43	65440	108.574	ug/l	97
17) Carbon Disulfide	2.514	76	46678	17.397	ug/l	99
18) Methyl Acetate	2.703	43	35799	18.590	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	65582	19.734	ug/l	98
20) Methylene Chloride	2.788	84	21712	19.163	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	20214	19.346	ug/l	86
22) Diisopropyl ether	3.757	45	64050	19.484	ug/l	90
23) Vinyl Acetate	3.721	43	255889	96.908	ug/l	97
24) 1,1-Dichloroethane	3.611	63	35972	20.027	ug/l	98
25) 2-Butanone	4.556	43	86566	99.340	ug/l	96
26) 2,2-Dichloropropane	4.477	77	32553	19.990	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	23713	19.434	ug/l	92
28) Bromochloromethane	4.897	49	17026	20.328	ug/l	90
29) Tetrahydrofuran	5.007	42	50103	92.860	ug/l	97
30) Chloroform	5.099	83	37838	20.242	ug/l	98
31) Cyclohexane	5.470	56	32422	19.343	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	34611	20.224	ug/l	98
36) 1,1-Dichloropropene	5.690	75	27546	19.961	ug/l	97
37) Ethyl Acetate	4.715	43	30467	19.405	ug/l	100
38) Carbon Tetrachloride	5.684	117	30418	20.013	ug/l	98
39) Methylcyclohexane	7.379	83	35458	20.032	ug/l	94
40) Benzene	6.037	78	83051	19.867	ug/l	100

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41) Methacrylonitrile	4.922	41	16591	19.039	ug/l	97
42) 1,2-Dichloroethane	6.086	62	28775	21.155	ug/l	93
43) Isopropyl Acetate	6.342	43	49974	19.126	ug/l	98
44) Trichloroethene	7.123	130	24426	20.114	ug/l	97
45) 1,2-Dichloropropane	7.427	63	20568	20.033	ug/l	94
46) Dibromomethane	7.580	93	14923	20.022	ug/l	93
47) Bromodichloromethane	7.824	83	28467	19.435	ug/l	98
48) Methyl methacrylate	7.690	41	23258	18.966	ug/l	96
49) 1,4-Dioxane	7.659	88	9733	375.845	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	157540	96.153	ug/l	99
52) Toluene	8.720	92	53199	19.493	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31611	19.407	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34225	19.384	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22099	20.373	ug/l	97
56) Ethyl methacrylate	9.116	69	33796	19.199	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36081	20.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	84107	102.699	ug/l	95
59) 2-Hexanone	9.433	43	124942	96.727	ug/l	97
60) Dibromochloromethane	9.525	129	23849	19.103	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23292	19.826	ug/l	99
64) Tetrachloroethene	9.275	164	24217	20.464	ug/l	92
65) Chlorobenzene	10.079	112	60085	20.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22738	20.274	ug/l	99
67) Ethyl Benzene	10.195	91	103913	20.561	ug/l	100
68) m/p-Xylenes	10.305	106	82950	40.184	ug/l	94
69) o-Xylene	10.640	106	41213	20.398	ug/l	90
70) Styrene	10.659	104	67297	20.162	ug/l	97
71) Bromoform	10.799	173	18090	18.579	ug/l #	100
73) Isopropylbenzene	10.963	105	106288	20.574	ug/l	98
74) N-amyl acetate	10.841	43	40721	18.224	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	33259	19.904	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30182m	20.333	ug/l	
77) Bromobenzene	11.201	156	27171	20.451	ug/l	93
78) n-propylbenzene	11.305	91	119142	20.546	ug/l	96
79) 2-Chlorotoluene	11.366	91	71458	20.241	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	88451	20.369	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10646	18.067	ug/l	92
82) 4-Chlorotoluene	11.457	91	81231	20.157	ug/l	96
83) tert-Butylbenzene	11.719	119	90318	20.466	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	88345	20.584	ug/l	95
85) sec-Butylbenzene	11.890	105	111296	20.744	ug/l	98
86) p-Isopropyltoluene	12.012	119	94053	20.403	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	50261	20.323	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	50274	20.062	ug/l	98
89) n-Butylbenzene	12.335	91	76976	19.812	ug/l	97
90) Hexachloroethane	12.542	117	16077	18.926	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	50066	20.773	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6790	19.453	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	28566	20.137	ug/l	98
94) Hexachlorobutadiene	13.725	225	14388	21.123	ug/l	100
95) Naphthalene	13.780	128	91570	18.486	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29223	21.057	ug/l	98

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

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