

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025278.D
 Acq On : 23 Nov 2021 16:41
 Operator : JC/MD
 Sample : VX1123WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD01

Quant Time: Nov 24 03:14:03 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 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57301	54.128	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.260%			
35) Dibromofluoromethane	5.385	113	50945	52.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.653	98	189558	51.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.079	95	69166	49.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20615	23.679	ug/l	98
3) Chloromethane	1.294	50	22346	20.730	ug/l	100
4) Vinyl Chloride	1.374	62	24244	20.485	ug/l	99
5) Bromomethane	1.599	94	16475	32.379	ug/l	98
6) Chloroethane	1.685	64	16562	20.282	ug/l	100
7) Trichlorofluoromethane	1.886	101	36065	20.531	ug/l	98
8) Diethyl Ether	2.136	74	14618	20.164	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19934	21.328	ug/l	95
10) Methyl Iodide	2.453	142	22097	18.908	ug/l	94
11) Tert butyl alcohol	2.959	59	29527	107.667	ug/l	96
12) 1,1-Dichloroethene	2.319	96	19220	20.648	ug/l	92
13) Acrolein	2.233	56	4157	85.715	ug/l	100
14) Allyl chloride	2.666	41	33642	19.970	ug/l	94
15) Acrylonitrile	3.062	53	60934	107.262	ug/l	98
16) Acetone	2.380	43	52947	90.010	ug/l	95
17) Carbon Disulfide	2.514	76	48330	18.457	ug/l	97
18) Methyl Acetate	2.703	43	38409	20.437	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	67428	20.790	ug/l	99
20) Methylene Chloride	2.794	84	22226	20.100	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	20787	20.385	ug/l	88
22) Diisopropyl ether	3.764	45	66184	20.629	ug/l	97
23) Vinyl Acetate	3.721	43	267138	103.660	ug/l	96
24) 1,1-Dichloroethane	3.611	63	36736	20.956	ug/l	96
25) 2-Butanone	4.556	43	86103	101.243	ug/l	97
26) 2,2-Dichloropropane	4.477	77	30878	19.429	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	25056	21.041	ug/l	90
28) Bromochloromethane	4.904	49	17853	21.841	ug/l	93
29) Tetrahydrofuran	5.007	42	54771	104.012	ug/l	97
30) Chloroform	5.093	83	38746	21.238	ug/l	98
31) Cyclohexane	5.471	56	33594	20.535	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	35566	21.294	ug/l	97
36) 1,1-Dichloropropene	5.696	75	27960	20.167	ug/l	98
37) Ethyl Acetate	4.721	43	32266	20.456	ug/l	99
38) Carbon Tetrachloride	5.678	117	31519	20.641	ug/l	96
39) Methylcyclohexane	7.385	83	36211	20.363	ug/l	92
40) Benzene	6.044	78	85897	20.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17907	20.454	ug/l	97
42) 1,2-Dichloroethane	6.086	62	29195	21.364	ug/l	93
43) Isopropyl Acetate	6.342	43	52434	19.974	ug/l	97
44) Trichloroethene	7.129	130	24615	20.176	ug/l	100
45) 1,2-Dichloropropane	7.434	63	21382	20.729	ug/l	96
46) Dibromomethane	7.586	93	15659	20.912	ug/l	93
47) Bromodichloromethane	7.824	83	29752	20.218	ug/l	96
48) Methyl methacrylate	7.696	41	24548	19.925	ug/l	96
49) 1,4-Dioxane	7.659	88	11082	425.955	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	170075	103.323	ug/l	99
52) Toluene	8.720	92	55806	20.353	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31359	19.163	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35065	19.768	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23369	21.444	ug/l	97
56) Ethyl methacrylate	9.116	69	35000	19.791	ug/l	96
57) 1,3-Dichloropropane	9.311	76	37619	20.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	77454	94.137	ug/l	95
59) 2-Hexanone	9.433	43	126696	97.631	ug/l	94
60) Dibromochloromethane	9.525	129	24975	19.912	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24056	20.381	ug/l	97
64) Tetrachloroethene	9.275	164	25256	21.073	ug/l	92
65) Chlorobenzene	10.079	112	61789	20.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23064	20.306	ug/l	99
67) Ethyl Benzene	10.195	91	105195	20.552	ug/l	97
68) m/p-Xylenes	10.305	106	84625	40.478	ug/l	94
69) o-Xylene	10.646	106	41958	20.505	ug/l	91
70) Styrene	10.659	104	68639	20.305	ug/l	97
71) Bromoform	10.805	173	18890	19.156	ug/l #	99
73) Isopropylbenzene	10.963	105	107750	21.198	ug/l	98
74) N-amyl acetate	10.842	43	43568	19.816	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34874	21.211	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	32127m	21.997	ug/l	
77) Bromobenzene	11.201	156	27484	21.025	ug/l	94
78) n-propylbenzene	11.305	91	121016	21.210	ug/l	98
79) 2-Chlorotoluene	11.366	91	72230	20.794	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	89863	21.032	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10288	17.745	ug/l	95
82) 4-Chlorotoluene	11.457	91	82383	20.776	ug/l	96
83) tert-Butylbenzene	11.719	119	90889	20.931	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	90358	21.397	ug/l	97
85) sec-Butylbenzene	11.890	105	111888	21.195	ug/l	98
86) p-Isopropyltoluene	12.012	119	94585	20.854	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	49675	20.414	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50838	20.618	ug/l	98
89) n-Butylbenzene	12.335	91	75505	19.750	ug/l	97
90) Hexachloroethane	12.542	117	16117	19.282	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	50601	21.337	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7395	21.532	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	29189	20.912	ug/l	99
94) Hexachlorobutadiene	13.725	225	13136	19.600	ug/l	96
95) Naphthalene	13.780	128	98514	20.247	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29538	21.632	ug/l	98

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

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