

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025296.D
 Acq On : 24 Nov 2021 00:01
 Operator : JC/MD
 Sample : VX1123WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/24/2021

Quant Time: Nov 24 03:17:43 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	103560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58561	53.647	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.300%			
35) Dibromofluoromethane	5.391	113	52125	51.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.653	98	194047	51.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.940%			
62) 4-Bromofluorobenzene	11.085	95	71441	50.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20047	22.331	ug/l	97
3) Chloromethane	1.294	50	21419	19.270	ug/l	94
4) Vinyl Chloride	1.374	62	24001	19.667	ug/l	99
5) Bromomethane	1.599	94	15395	29.342	ug/l	97
6) Chloroethane	1.685	64	15610	18.538	ug/l	94
7) Trichlorofluoromethane	1.886	101	35162	19.412	ug/l	98
8) Diethyl Ether	2.136	74	14399	19.262	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19418	20.148	ug/l	96
10) Methyl Iodide	2.453	142	25340	21.028	ug/l	92
11) Tert butyl alcohol	2.959	59	28632	100.697	ug/l	95
12) 1,1-Dichloroethene	2.319	96	18791	19.577	ug/l	91
13) Acrolein	2.239	56	4452	89.025	ug/l	98
14) Allyl chloride	2.666	41	32379	18.639	ug/l	95
15) Acrylonitrile	3.062	53	58577	99.999	ug/l	98
16) Acetone	2.380	43	49316	81.305	ug/l	93
17) Carbon Disulfide	2.514	76	47299	17.517	ug/l	98
18) Methyl Acetate	2.703	43	37792	19.501	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	67272	20.115	ug/l	96
20) Methylene Chloride	2.788	84	21894	19.202	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20647	19.636	ug/l	91
22) Diisopropyl ether	3.763	45	65427	19.777	ug/l	97
23) Vinyl Acetate	3.721	43	259294	97.577	ug/l	98
24) 1,1-Dichloroethane	3.611	63	36537	20.213	ug/l	97
25) 2-Butanone	4.556	43	80939	92.296	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29757	18.158	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24507	19.958	ug/l	92
28) Bromochloromethane	4.897	49	17030	20.205	ug/l	94
29) Tetrahydrofuran	5.007	42	51835	95.463	ug/l	96
30) Chloroform	5.099	83	39011	20.738	ug/l	99
31) Cyclohexane	5.477	56	32757	19.419	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	34387	19.966	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27427	19.235	ug/l	97
37) Ethyl Acetate	4.715	43	31245	19.260	ug/l	99
38) Carbon Tetrachloride	5.678	117	30629	19.503	ug/l	96
39) Methylcyclohexane	7.379	83	34974	19.122	ug/l	93
40) Benzene	6.044	78	85104	19.703	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17158	19.056	ug/l	96
42) 1,2-Dichloroethane	6.092	62	29405	20.922	ug/l	93
43) Isopropyl Acetate	6.342	43	51712	19.154	ug/l	98
44) Trichloroethene	7.129	130	24758	19.731	ug/l	90
45) 1,2-Dichloropropane	7.434	63	20820	19.625	ug/l	99
46) Dibromomethane	7.580	93	15322	19.895	ug/l	91
47) Bromodichloromethane	7.824	83	29435	19.449	ug/l	97
48) Methyl methacrylate	7.696	41	23968	18.916	ug/l	96
49) 1,4-Dioxane	7.659	88	10621	396.933	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	163467	96.558	ug/l	98
52) Toluene	8.720	92	55720	19.759	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31564	18.754	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33630	18.434	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	22807	20.349	ug/l	95
56) Ethyl methacrylate	9.116	69	34942	19.211	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36826	19.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80690	95.355	ug/l	95
59) 2-Hexanone	9.433	43	122968	92.134	ug/l	96
60) Dibromochloromethane	9.525	129	24645	19.105	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24122	19.871	ug/l	99
64) Tetrachloroethene	9.275	164	25059	20.269	ug/l	92
65) Chlorobenzene	10.079	112	61192	20.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23115	19.728	ug/l	99
67) Ethyl Benzene	10.195	91	104040	19.705	ug/l	95
68) m/p-Xylenes	10.305	106	84097	38.995	ug/l	93
69) o-Xylene	10.640	106	41591	19.704	ug/l	91
70) Styrene	10.659	104	67120	19.248	ug/l	97
71) Bromoform	10.799	173	18295	17.985	ug/l #	99
73) Isopropylbenzene	10.963	105	106826	20.450	ug/l	98
74) N-amyl acetate	10.841	43	42414	18.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33641	19.910	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	30710m	20.460	ug/l	
77) Bromobenzene	11.201	156	27496	20.467	ug/l	93
78) n-propylbenzene	11.305	91	118203	20.159	ug/l	97
79) 2-Chlorotoluene	11.366	91	71120	19.923	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	88609	20.180	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10413	17.477	ug/l	90
82) 4-Chlorotoluene	11.457	91	80551	19.767	ug/l	96
83) tert-Butylbenzene	11.719	119	89198	19.989	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	88929	20.492	ug/l	97
85) sec-Butylbenzene	11.890	105	108275	19.959	ug/l	98
86) p-Isopropyltoluene	12.012	119	91498	19.630	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	49986	19.988	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	50144	19.789	ug/l	98
89) n-Butylbenzene	12.335	91	73481	18.703	ug/l	96
90) Hexachloroethane	12.542	117	15466	18.005	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	49243	20.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6916	19.596	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	28719	20.021	ug/l	98
94) Hexachlorobutadiene	13.725	225	13404	19.461	ug/l	98
95) Naphthalene	13.780	128	94215	18.816	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29127	20.757	ug/l	99

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

