

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026214.D
 Acq On : 03 Jan 2022 12:55
 Operator : JC/MD
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 03 15:37:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106539	56.209	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.420%			
35) Dibromofluoromethane	5.391	113	77745	55.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.440%			
50) Toluene-d8	8.646	98	274325	52.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.079	95	99229	53.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	24206	17.591	ug/l	98
3) Chloromethane	1.294	50	25294	15.792	ug/l	96
4) Vinyl Chloride	1.379	62	27076	16.062	ug/l	98
5) Bromomethane	1.611	94	17994	17.297	ug/l	96
6) Chloroethane	1.690	64	17685	14.920	ug/l	100
7) Trichlorofluoromethane	1.892	101	47577	16.385	ug/l	97
8) Diethyl Ether	2.135	74	16698	16.739	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26696	17.439	ug/l	97
10) Methyl Iodide	2.459	142	33140	16.741	ug/l	98
11) Tert butyl alcohol	2.952	59	28483	75.237	ug/l	99
12) 1,1-Dichloroethene	2.324	96	24871	17.143	ug/l	98
13) Acrolein	2.233	56	15084	111.426	ug/l	100
14) Allyl chloride	2.666	41	48376	16.873	ug/l	96
15) Acrylonitrile	3.062	53	80979	86.395	ug/l	100
16) Acetone	2.379	43	97706	95.141	ug/l	96
17) Carbon Disulfide	2.513	76	68301	16.404	ug/l	99
18) Methyl Acetate	2.702	43	57311	17.205	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	92014	18.158	ug/l	97
20) Methylene Chloride	2.794	84	29318	17.235	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	27225	17.202	ug/l	93
22) Diisopropyl ether	3.763	45	98056	17.919	ug/l #	90
23) Vinyl Acetate	3.721	43	390485	89.865	ug/l	97
24) 1,1-Dichloroethane	3.611	63	52139	17.582	ug/l	99
25) 2-Butanone	4.556	43	126400	88.357	ug/l	95
26) 2,2-Dichloropropane	4.483	77	41445	18.549	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31404	17.441	ug/l	90
28) Bromochloromethane	4.897	49	23102	17.576	ug/l	86
29) Tetrahydrofuran	5.001	42	75394	83.615	ug/l	96
30) Chloroform	5.098	83	55237	17.610	ug/l	98
31) Cyclohexane	5.476	56	46718	17.308	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	48868	17.921	ug/l	97
36) 1,1-Dichloropropene	5.696	75	40271	17.895	ug/l	98
37) Ethyl Acetate	4.714	43	44628	17.103	ug/l	100
38) Carbon Tetrachloride	5.678	117	43758	17.481	ug/l	98
39) Methylcyclohexane	7.378	83	46222	18.209	ug/l	93
40) Benzene	6.037	78	112807	17.564	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	25494	17.302	ug/l	93
42) 1,2-Dichloroethane	6.092	62	48735	18.750	ug/l	96
43) Isopropyl Acetate	6.336	43	74395	17.494	ug/l	97
44) Trichloroethene	7.122	130	31275	18.097	ug/l	96
45) 1,2-Dichloropropane	7.433	63	29810	18.146	ug/l	97
46) Dibromomethane	7.580	93	21323	17.499	ug/l	98
47) Bromodichloromethane	7.823	83	43835	17.682	ug/l	97
48) Methyl methacrylate	7.689	41	35845	17.575	ug/l	95
49) 1,4-Dioxane	7.659	88	10675	284.022	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	234731	88.697	ug/l	97
52) Toluene	8.720	92	70102	17.730	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42913	17.553	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	48215	18.401	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	29182	17.958	ug/l	95
56) Ethyl methacrylate	9.116	69	44441	17.732	ug/l	89
57) 1,3-Dichloropropane	9.311	76	50362	18.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	125546	99.849	ug/l	96
59) 2-Hexanone	9.427	43	176457	88.025	ug/l	97
60) Dibromochloromethane	9.524	129	31787	17.267	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30317	17.436	ug/l	99
64) Tetrachloroethene	9.274	164	31413	19.584	ug/l	97
65) Chlorobenzene	10.079	112	74561	17.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	28025	17.614	ug/l	98
67) Ethyl Benzene	10.195	91	132706	17.775	ug/l	99
68) m/p-Xylenes	10.305	106	99495	35.692	ug/l	93
69) o-Xylene	10.640	106	47694	17.486	ug/l	90
70) Styrene	10.658	104	81497	18.227	ug/l	97
71) Bromoform	10.799	173	21735	16.839	ug/l #	98
73) Isopropylbenzene	10.963	105	129521	18.248	ug/l	99
74) N-amyl acetate	10.841	43	56187	17.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	40591	16.816	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	40722m	18.476	ug/l	
77) Bromobenzene	11.201	156	30888	18.351	ug/l	95
78) n-propylbenzene	11.305	91	151109	18.517	ug/l	98
79) 2-Chlorotoluene	11.366	91	90928	18.101	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	109604	18.608	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12643	16.595	ug/l	87
82) 4-Chlorotoluene	11.457	91	106384	18.752	ug/l	95
83) tert-Butylbenzene	11.713	119	102567	17.940	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	107505	18.266	ug/l	98
85) sec-Butylbenzene	11.890	105	131307	18.404	ug/l	97
86) p-Isopropyltoluene	12.012	119	109080	18.340	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	56617	17.918	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	57928	17.099	ug/l	98
89) n-Butylbenzene	12.335	91	94826	17.940	ug/l	98
90) Hexachloroethane	12.542	117	18706	15.747	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	55915	17.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9632	15.587	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	33665	17.380	ug/l	98
94) Hexachlorobutadiene	13.725	225	14464	17.985	ug/l	98
95) Naphthalene	13.780	128	117707	16.679	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33300	16.898	ug/l	98

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

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