

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026267.D
 Acq On : 04 Jan 2022 13:24
 Operator : JC/MD
 Sample : VX0104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:07:41 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	111895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83930	51.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.700%			
35) Dibromofluoromethane	5.385	113	60857	49.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	8.646	98	216185	47.523	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.040%			
62) 4-Bromofluorobenzene	11.079	95	82535	50.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	24066	20.478	ug/l	97
3) Chloromethane	1.294	50	23314	17.043	ug/l	99
4) Vinyl Chloride	1.379	62	25184	17.493	ug/l	100
5) Bromomethane	1.611	94	15974	17.979	ug/l	98
6) Chloroethane	1.690	64	16013	15.818	ug/l	99
7) Trichlorofluoromethane	1.892	101	42104	16.978	ug/l	98
8) Diethyl Ether	2.135	74	14988	17.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.330	101	26265	20.090	ug/l	99
10) Methyl Iodide	2.459	142	29898	17.684	ug/l	99
11) Tert butyl alcohol	2.952	59	28668	88.666	ug/l	99
12) 1,1-Dichloroethene	2.324	96	24064	19.421	ug/l	93
13) Acrolein	2.239	56	9977	86.295	ug/l	98
14) Allyl chloride	2.666	41	44460	18.157	ug/l	94
15) Acrylonitrile	3.062	53	76321	95.340	ug/l	100
16) Acetone	2.379	43	88730	101.165	ug/l	93
17) Carbon Disulfide	2.513	76	65630	18.456	ug/l	100
18) Methyl Acetate	2.702	43	54664	19.214	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	91984	21.254	ug/l	100
20) Methylene Chloride	2.794	84	26942	18.618	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	25971	19.214	ug/l	90
22) Diisopropyl ether	3.763	45	93279	19.959	ug/l	93
23) Vinyl Acetate	3.720	43	368317	99.248	ug/l	96
24) 1,1-Dichloroethane	3.611	63	51026	20.147	ug/l	100
25) 2-Butanone	4.556	43	119250	97.604	ug/l	98
26) 2,2-Dichloropropane	4.483	77	37532	19.668	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	30657	19.936	ug/l	92
28) Bromochloromethane	4.897	49	19480	17.353	ug/l	87
29) Tetrahydrofuran	5.001	42	72016	93.517	ug/l	96
30) Chloroform	5.092	83	53513	19.976	ug/l	99
31) Cyclohexane	5.470	56	46244	20.060	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	46990	20.177	ug/l	99
36) 1,1-Dichloropropene	5.696	75	39006	19.775	ug/l	97
37) Ethyl Acetate	4.714	43	42124	18.418	ug/l	99
38) Carbon Tetrachloride	5.677	117	40016	18.237	ug/l	98
39) Methylcyclohexane	7.384	83	44312	19.915	ug/l	93
40) Benzene	6.043	78	107464	19.089	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	24612	19.056	ug/l	94
42) 1,2-Dichloroethane	6.086	62	45605	20.017	ug/l	96
43) Isopropyl Acetate	6.342	43	70875	19.014	ug/l	96
44) Trichloroethene	7.128	130	30665	20.243	ug/l	87
45) 1,2-Dichloropropane	7.433	63	28102	19.516	ug/l	95
46) Dibromomethane	7.580	93	19855	18.589	ug/l	98
47) Bromodichloromethane	7.823	83	39177	18.029	ug/l	94
48) Methyl methacrylate	7.695	41	35362	19.780	ug/l	93
49) 1,4-Dioxane	7.659	88	11239	341.146	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	220311	94.974	ug/l	97
52) Toluene	8.720	92	66543	19.200	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36166	16.950	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	41187	17.933	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	26607	18.679	ug/l	97
56) Ethyl methacrylate	9.116	69	43689	19.887	ug/l	92
57) 1,3-Dichloropropane	9.311	76	47623	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101422	92.795	ug/l	97
59) 2-Hexanone	9.433	43	170551	97.062	ug/l	97
60) Dibromochloromethane	9.524	129	27033	16.753	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27970	18.352	ug/l	99
64) Tetrachloroethene	9.274	164	31387	22.892	ug/l	96
65) Chlorobenzene	10.079	112	68404	19.165	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	25271	18.581	ug/l	99
67) Ethyl Benzene	10.195	91	128971	20.209	ug/l	97
68) m/p-Xylenes	10.305	106	95113	39.915	ug/l	89
69) o-Xylene	10.640	106	46618	19.995	ug/l	91
70) Styrene	10.658	104	76734	20.076	ug/l	95
71) Bromoform	10.798	173	17052	15.455	ug/l #	98
73) Isopropylbenzene	10.963	105	124793	20.909	ug/l	97
74) N-amyl acetate	10.847	43	54692	19.956	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	35523	17.500	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	36319m	19.596	ug/l	
77) Bromobenzene	11.201	156	28854	20.385	ug/l	91
78) n-propylbenzene	11.304	91	144770	21.096	ug/l	97
79) 2-Chlorotoluene	11.365	91	88460	20.941	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	105428	21.285	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	7936	12.387	ug/l #	69
82) 4-Chlorotoluene	11.457	91	101055	21.183	ug/l	94
83) tert-Butylbenzene	11.713	119	94663	19.690	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	105359	21.288	ug/l	95
85) sec-Butylbenzene	11.890	105	126362	21.062	ug/l	98
86) p-Isopropyltoluene	12.012	119	105591	21.112	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53415	20.103	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	52970	18.594	ug/l	98
89) n-Butylbenzene	12.335	91	91822	20.658	ug/l	99
90) Hexachloroethane	12.542	117	14235	14.250	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	52097	18.901	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8518	16.392	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	31538	19.363	ug/l	100
94) Hexachlorobutadiene	13.725	225	13327	19.706	ug/l	99
95) Naphthalene	13.774	128	113791	19.175	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31236	18.849	ug/l	98

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

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