

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026319.D
 Acq On : 05 Jan 2022 14:04
 Operator : JC/MD
 Sample : VX0105WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:08:38 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	100557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77829	53.499	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.000%			
35) Dibromofluoromethane	5.391	113	56470	52.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.646	98	202419	50.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.160%			
62) 4-Bromofluorobenzene	11.079	95	79700	55.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	20835	19.728	ug/l	100
3) Chloromethane	1.294	50	20124	16.370	ug/l	99
4) Vinyl Chloride	1.379	62	21579	16.679	ug/l	98
5) Bromomethane	1.605	94	12959	16.230	ug/l	100
6) Chloroethane	1.690	64	13437	14.770	ug/l	99
7) Trichlorofluoromethane	1.892	101	35592	15.970	ug/l	96
8) Diethyl Ether	2.135	74	13193	17.232	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	22725	19.342	ug/l	99
10) Methyl Iodide	2.458	142	22895	15.068	ug/l	97
11) Tert butyl alcohol	2.952	59	28460	97.947	ug/l	99
12) 1,1-Dichloroethene	2.324	96	20325	18.253	ug/l	88
13) Acrolein	2.239	56	11213	107.921	ug/l	99
14) Allyl chloride	2.672	41	40591	18.446	ug/l	97
15) Acrylonitrile	3.062	53	69974	97.267	ug/l	98
16) Acetone	2.379	43	83812	106.332	ug/l	96
17) Carbon Disulfide	2.513	76	57021	17.843	ug/l	99
18) Methyl Acetate	2.702	43	51107	19.990	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	81986	21.080	ug/l	99
20) Methylene Chloride	2.794	84	23853	18.328	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	22739	18.719	ug/l	88
22) Diisopropyl ether	3.763	45	83060	19.776	ug/l	96
23) Vinyl Acetate	3.720	43	333552	100.014	ug/l	98
24) 1,1-Dichloroethane	3.611	63	44080	19.366	ug/l	99
25) 2-Butanone	4.556	43	111876	101.893	ug/l	98
26) 2,2-Dichloropropane	4.483	77	32615	19.018	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	26900	19.465	ug/l	93
28) Bromochloromethane	4.897	49	19499	19.328	ug/l	91
29) Tetrahydrofuran	5.007	42	66987	96.795	ug/l	96
30) Chloroform	5.098	83	46625	19.367	ug/l	95
31) Cyclohexane	5.470	56	39751	19.187	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	40954	19.568	ug/l	100
36) 1,1-Dichloropropene	5.696	75	34292	19.761	ug/l	97
37) Ethyl Acetate	4.714	43	39840	19.800	ug/l	99
38) Carbon Tetrachloride	5.684	117	35351	18.314	ug/l	97
39) Methylcyclohexane	7.384	83	39179	20.015	ug/l	95
40) Benzene	6.043	78	95759	19.335	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	22957	20.205	ug/l	94
42) 1,2-Dichloroethane	6.092	62	40840	20.376	ug/l	97
43) Isopropyl Acetate	6.342	43	65283	19.908	ug/l	98
44) Trichloroethene	7.128	130	27405	20.564	ug/l	92
45) 1,2-Dichloropropane	7.433	63	24732	19.524	ug/l	99
46) Dibromomethane	7.586	93	17994	19.150	ug/l	98
47) Bromodichloromethane	7.823	83	35083	18.352	ug/l	99
48) Methyl methacrylate	7.695	41	32484	20.655	ug/l	93
49) 1,4-Dioxane	7.659	88	10677	368.393	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	205688	100.792	ug/l	98
52) Toluene	8.720	92	59836	19.625	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33004	17.512	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37256	18.439	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	24466	19.524	ug/l	97
56) Ethyl methacrylate	9.116	69	40591	21.003	ug/l	93
57) 1,3-Dichloropropane	9.311	76	42743	19.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	94324	97.537	ug/l	96
59) 2-Hexanone	9.433	43	159963	103.482	ug/l	98
60) Dibromochloromethane	9.524	129	25194	17.748	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25879	19.302	ug/l	98
64) Tetrachloroethene	9.274	164	27575	22.226	ug/l	95
65) Chlorobenzene	10.079	112	63507	19.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	23288	18.923	ug/l	99
67) Ethyl Benzene	10.195	91	116611	20.193	ug/l	97
68) m/p-Xylenes	10.305	106	87885	40.759	ug/l	92
69) o-Xylene	10.646	106	42806	20.290	ug/l	92
70) Styrene	10.658	104	71462	20.662	ug/l	96
71) Bromoform	10.798	173	16304	16.330	ug/l #	100
73) Isopropylbenzene	10.963	105	113320	20.423	ug/l	99
74) N-amyl acetate	10.841	43	52111	20.453	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	34845	18.465	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	34892m	20.250	ug/l	
77) Bromobenzene	11.201	156	26802	20.368	ug/l	90
78) n-propylbenzene	11.304	91	132526	20.773	ug/l	96
79) 2-Chlorotoluene	11.365	91	81714	20.808	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	97020	21.070	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7749	13.011	ug/l #	71
82) 4-Chlorotoluene	11.457	91	93895	21.171	ug/l	94
83) tert-Butylbenzene	11.713	119	91399	20.450	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	96530	20.980	ug/l	97
85) sec-Butylbenzene	11.890	105	115310	20.674	ug/l	97
86) p-Isopropyltoluene	12.012	119	98033	21.084	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	49819	20.168	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	51302	19.370	ug/l	98
89) n-Butylbenzene	12.335	91	84612	20.476	ug/l	99
90) Hexachloroethane	12.542	117	13527	14.566	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49560	19.341	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8114	16.796	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	30177	19.929	ug/l	99
94) Hexachlorobutadiene	13.725	225	13032	20.728	ug/l	98
95) Naphthalene	13.780	128	110024	19.942	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30386	19.723	ug/l	97

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

