

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026344.D
 Acq On : 06 Jan 2022 00:29
 Operator : JC/MD
 Sample : VX0105WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBSD02

Quant Time: Jan 06 03:14:21 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	105254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78866	51.793	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.580%			
35) Dibromofluoromethane	5.391	113	58279	51.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	8.653	98	211419	49.876	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	81337	53.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21002	18.999	ug/l	99
3) Chloromethane	1.294	50	19360	15.045	ug/l	97
4) Vinyl Chloride	1.380	62	21911	16.180	ug/l	100
5) Bromomethane	1.618	94	10475	12.534	ug/l	98
6) Chloroethane	1.691	64	13605	14.287	ug/l	97
7) Trichlorofluoromethane	1.892	101	36006	15.435	ug/l	94
8) Diethyl Ether	2.136	74	13101	16.348	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	22619	18.393	ug/l	98
10) Methyl Iodide	2.459	142	22833	14.357	ug/l	97
11) Tert butyl alcohol	2.983	59	26637	87.582	ug/l	99
12) 1,1-Dichloroethene	2.325	96	21399	18.360	ug/l	95
13) Acrolein	2.245	56	8775	80.687	ug/l	99
14) Allyl chloride	2.672	41	40291	17.493	ug/l	97
15) Acrylonitrile	3.068	53	66941	88.899	ug/l	98
16) Acetone	2.386	43	65375	79.240	ug/l	95
17) Carbon Disulfide	2.520	76	58927	17.617	ug/l	99
18) Methyl Acetate	2.709	43	48721	18.206	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	81715	20.072	ug/l	99
20) Methylene Chloride	2.794	84	24334	17.838	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	23341	18.357	ug/l	91
22) Diisopropyl ether	3.763	45	83321	18.953	ug/l	96
23) Vinyl Acetate	3.727	43	322244	92.312	ug/l	98
24) 1,1-Dichloroethane	3.617	63	44967	18.874	ug/l	100
25) 2-Butanone	4.562	43	99690	86.743	ug/l	98
26) 2,2-Dichloropropane	4.483	77	31029	17.286	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	27201	18.804	ug/l	93
28) Bromochloromethane	4.910	49	19652	18.611	ug/l	91
29) Tetrahydrofuran	5.013	42	63798	88.073	ug/l	95
30) Chloroform	5.099	83	47485	18.844	ug/l	99
31) Cyclohexane	5.477	56	39951	18.423	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	41646	19.011	ug/l	99
36) 1,1-Dichloropropene	5.702	75	34361	18.694	ug/l	99
37) Ethyl Acetate	4.715	43	38250	17.947	ug/l	99
38) Carbon Tetrachloride	5.684	117	36618	17.910	ug/l	99
39) Methylcyclohexane	7.385	83	38715	18.673	ug/l	95
40) Benzene	6.044	78	96588	18.412	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21898	18.195	ug/l	95
42) 1,2-Dichloroethane	6.092	62	39591	18.649	ug/l	97
43) Isopropyl Acetate	6.342	43	62645	18.035	ug/l	99
44) Trichloroethene	7.129	130	28251	20.014	ug/l	97
45) 1,2-Dichloropropane	7.434	63	25066	18.681	ug/l	97
46) Dibromomethane	7.586	93	17616	17.700	ug/l	99
47) Bromodichloromethane	7.824	83	34867	17.219	ug/l	100
48) Methyl methacrylate	7.696	41	31432	18.869	ug/l	93
49) 1,4-Dioxane	7.684	88	10560	343.988	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	197143	91.205	ug/l	99
52) Toluene	8.720	92	60520	18.740	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32138	16.252	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36705	17.151	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24914	18.771	ug/l	97
56) Ethyl methacrylate	9.116	69	40171	19.624	ug/l	94
57) 1,3-Dichloropropane	9.311	76	43207	19.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	102691	99.979	ug/l	97
59) 2-Hexanone	9.433	43	149810	91.496	ug/l	97
60) Dibromochloromethane	9.525	129	24904	16.563	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26031	18.330	ug/l	99
64) Tetrachloroethene	9.275	164	29423	22.694	ug/l	96
65) Chlorobenzene	10.079	112	63262	18.745	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	23876	18.566	ug/l	99
67) Ethyl Benzene	10.195	91	118479	19.633	ug/l	96
68) m/p-Xylenes	10.305	106	88535	39.293	ug/l	93
69) o-Xylene	10.640	106	43255	19.620	ug/l	91
70) Styrene	10.659	104	71394	19.754	ug/l	96
71) Bromoform	10.799	173	15654	15.005	ug/l #	99
73) Isopropylbenzene	10.963	105	116504	20.726	ug/l	97
74) N-amyl acetate	10.841	43	50182	19.442	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32661	17.085	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33592m	19.245	ug/l	
77) Bromobenzene	11.201	156	26977	20.237	ug/l	91
78) n-propylbenzene	11.305	91	130850	20.246	ug/l	97
79) 2-Chlorotoluene	11.366	91	80753	20.298	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	96079	20.597	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6969	11.550	ug/l #	71
82) 4-Chlorotoluene	11.457	91	93492	20.809	ug/l	95
83) tert-Butylbenzene	11.719	119	88575	19.563	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	96617	20.729	ug/l	97
85) sec-Butylbenzene	11.890	105	113777	20.137	ug/l	99
86) p-Isopropyltoluene	12.012	119	96030	20.387	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49890	19.937	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	50302	18.749	ug/l	98
89) n-Butylbenzene	12.335	91	81126	19.380	ug/l	99
90) Hexachloroethane	12.542	117	13055	13.877	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	48589	18.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7895	16.133	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	29478	19.217	ug/l	99
94) Hexachlorobutadiene	13.725	225	12225	19.194	ug/l	99
95) Naphthalene	13.780	128	108015	19.326	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29758	19.067	ug/l	98

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

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