

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026460.D
 Acq On : 14 Jan 2022 18:17
 Operator : JC/MD
 Sample : VX0115WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 00:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	99941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69545	49.814	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.620%			
35) Dibromofluoromethane	5.391	113	52631	50.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.653	98	191523	50.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	75120	56.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	21823	18.492	ug/l	100
3) Chloromethane	1.294	50	20240	18.709	ug/l	98
4) Vinyl Chloride	1.374	62	21111	18.586	ug/l	99
5) Bromomethane	1.618	94	10356	19.764	ug/l	97
6) Chloroethane	1.691	64	12578	21.899	ug/l	97
7) Trichlorofluoromethane	1.892	101	32076	17.887	ug/l	97
8) Diethyl Ether	2.136	74	11968	18.860	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	21091	19.299	ug/l	98
10) Methyl Iodide	2.459	142	23567	22.696	ug/l	99
11) Tert butyl alcohol	2.983	59	25421	130.892	ug/l	96
12) 1,1-Dichloroethene	2.325	96	19759	18.931	ug/l	98
13) Acrolein	2.239	56	21415	103.769	ug/l	99
14) Allyl chloride	2.666	41	37548	19.562	ug/l	98
15) Acrylonitrile	3.069	53	65725	109.937	ug/l	100
16) Acetone	2.392	43	58317	81.911	ug/l	98
17) Carbon Disulfide	2.514	76	53872	17.678	ug/l	100
18) Methyl Acetate	2.709	43	29667	20.960	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	74324	19.625	ug/l	99
20) Methylene Chloride	2.794	84	22511	19.137	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	21517	19.043	ug/l	98
22) Diisopropyl ether	3.764	45	76727	19.679	ug/l	95
23) Vinyl Acetate	3.727	43	331792	103.380	ug/l	100
24) 1,1-Dichloroethane	3.611	63	40590	19.276	ug/l	99
25) 2-Butanone	4.568	43	95876	103.551	ug/l	100
26) 2,2-Dichloropropane	4.489	77	29303	18.774	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25074	19.443	ug/l	99
28) Bromochloromethane	4.904	49	16980	19.639	ug/l	98
29) Tetrahydrofuran	5.013	42	62201	113.114	ug/l	99
30) Chloroform	5.099	83	42999	19.653	ug/l	99
31) Cyclohexane	5.477	56	37581	18.250	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	37204	19.332	ug/l	100
36) 1,1-Dichloropropene	5.696	75	31116	18.831	ug/l	99
37) Ethyl Acetate	4.721	43	36026	21.553	ug/l	100
38) Carbon Tetrachloride	5.684	117	32531	19.139	ug/l	98
39) Methylcyclohexane	7.385	83	38111	19.121	ug/l	98
40) Benzene	6.044	78	88969	19.480	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19608	20.708	ug/l	96
42) 1,2-Dichloroethane	6.092	62	35410	19.816	ug/l	100
43) Isopropyl Acetate	6.342	43	57598	21.332	ug/l	99
44) Trichloroethene	7.129	130	25082	19.353	ug/l	97
45) 1,2-Dichloropropane	7.434	63	22914	20.099	ug/l	99
46) Dibromomethane	7.586	93	16348	20.342	ug/l	100
47) Bromodichloromethane	7.824	83	31861	19.621	ug/l	96
48) Methyl methacrylate	7.696	41	28794	21.518	ug/l	99
49) 1,4-Dioxane	7.684	88	11789	536.850	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	185623	115.903	ug/l	100
52) Toluene	8.720	92	57397	20.493	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	30563	18.824	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34543	19.806	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23154	21.184	ug/l	98
56) Ethyl methacrylate	9.116	69	36106	21.556	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40112	21.168	ug/l	100
59) 2-Hexanone	9.433	43	142630	116.359	ug/l	99
60) Dibromochloromethane	9.525	129	23907	20.990	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24170	21.222	ug/l	99
64) Tetrachloroethene	9.275	164	25305	18.486	ug/l	96
65) Chlorobenzene	10.079	112	60068	19.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22577	19.912	ug/l	98
67) Ethyl Benzene	10.195	91	108616	19.587	ug/l	99
68) m/p-Xylenes	10.305	106	84041	40.497	ug/l	99
69) o-Xylene	10.646	106	41210	20.580	ug/l	99
70) Styrene	10.659	104	67496	20.657	ug/l	100
71) Bromoform	10.799	173	16180	20.053	ug/l #	97
73) Isopropylbenzene	10.963	105	107808	18.973	ug/l	100
74) N-amyl acetate	10.848	43	44839	20.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32875	21.555	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31869m	20.880	ug/l	
77) Bromobenzene	11.201	156	24932	19.153	ug/l	97
78) n-propylbenzene	11.305	91	125022	19.294	ug/l	100
79) 2-Chlorotoluene	11.366	91	75586	19.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	92050	19.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8069	19.991	ug/l	92
82) 4-Chlorotoluene	11.457	91	87751	19.431	ug/l	100
83) tert-Butylbenzene	11.713	119	85181	19.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	91484	19.525	ug/l	100
85) sec-Butylbenzene	11.890	105	109743	19.401	ug/l	100
86) p-Isopropyltoluene	12.012	119	92908	19.577	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47011	19.267	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	46859	18.973	ug/l	97
89) n-Butylbenzene	12.335	91	79556	19.535	ug/l	99
90) Hexachloroethane	12.542	117	13397	18.357	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	46339	20.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7868	21.344	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	28632	19.368	ug/l	98
94) Hexachlorobutadiene	13.725	225	12215	19.573	ug/l	98
95) Naphthalene	13.780	128	101865	20.658	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28560	19.644	ug/l	99

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

