

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026672.D
 Acq On : 31 Jan 2022 12:00
 Operator : JC/MD
 Sample : VX0131WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Jan 31 13:56:58 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	97746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60401	44.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.480%		
35) Dibromofluoromethane	5.391	113	49033	48.156	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	8.647	98	183244	49.942	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.880%		
62) 4-Bromofluorobenzene	11.079	95	68345	52.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	18006	15.600	ug/l	99
3) Chloromethane	1.294	50	18137	17.141	ug/l	99
4) Vinyl Chloride	1.380	62	18605	16.747	ug/l	99
5) Bromomethane	1.618	94	10458	20.407	ug/l	99
6) Chloroethane	1.697	64	9772	17.395	ug/l	99
7) Trichlorofluoromethane	1.892	101	29815	16.999	ug/l	99
8) Diethyl Ether	2.136	74	10641	17.145	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	19521	18.263	ug/l	97
10) Methyl Iodide	2.459	142	21675	21.608	ug/l	97
11) Tert butyl alcohol	3.008	59	16368	86.171	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	18152	17.782	ug/l	92
13) Acrolein	2.239	56	16453	81.515	ug/l	99
14) Allyl chloride	2.666	41	32536	17.331	ug/l	98
15) Acrylonitrile	3.068	53	55672	95.212	ug/l	99
16) Acetone	2.392	43	64058	91.995	ug/l	97
17) Carbon Disulfide	2.520	76	44905	15.067	ug/l	99
18) Methyl Acetate	2.709	43	26194	18.922	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	65641	17.721	ug/l	98
20) Methylene Chloride	2.794	84	21003	18.256	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	19699	17.825	ug/l	94
22) Diisopropyl ether	3.757	45	69630	18.260	ug/l #	86
23) Vinyl Acetate	3.721	43	281998	89.838	ug/l	99
24) 1,1-Dichloroethane	3.611	63	36916	17.925	ug/l	99
25) 2-Butanone	4.562	43	82699	91.325	ug/l	99
26) 2,2-Dichloropropane	4.477	77	27177	17.803	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	23450	18.592	ug/l	96
28) Bromochloromethane	4.904	49	16277	19.248	ug/l	100
29) Tetrahydrofuran	5.013	42	48417	90.025	ug/l	98
30) Chloroform	5.093	83	39134	18.289	ug/l	99
31) Cyclohexane	5.477	56	34281	17.022	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	33431	17.762	ug/l	100
36) 1,1-Dichloropropene	5.696	75	27961	17.395	ug/l	98
37) Ethyl Acetate	4.715	43	29714	18.275	ug/l	99
38) Carbon Tetrachloride	5.684	117	29898	18.083	ug/l	98
39) Methylcyclohexane	7.385	83	34412	17.749	ug/l	96
40) Benzene	6.044	78	83178	18.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17389	18.879	ug/l	97
42) 1,2-Dichloroethane	6.086	62	31235	17.969	ug/l	99
43) Isopropyl Acetate	6.342	43	47882	18.230	ug/l	99
44) Trichloroethene	7.123	130	24618	19.528	ug/l	91
45) 1,2-Dichloropropane	7.427	63	21481	19.370	ug/l	93
46) Dibromomethane	7.580	93	14779	18.905	ug/l	97
47) Bromodichloromethane	7.824	83	30183	19.108	ug/l	100
48) Methyl methacrylate	7.696	41	23938	18.390	ug/l	97
49) 1,4-Dioxane	7.702	88	7036	329.385	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	152860	98.120	ug/l	99
52) Toluene	8.720	92	54364	19.954	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29431	18.654	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	33427	19.703	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	21792	20.497	ug/l	98
56) Ethyl methacrylate	9.116	69	32584	19.998	ug/l	97
57) 1,3-Dichloropropane	9.305	76	36947	20.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	85993	100.651	ug/l	98
59) 2-Hexanone	9.433	43	116825	97.978	ug/l	98
60) Dibromochloromethane	9.519	129	23184	20.926	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22508	20.317	ug/l	98
64) Tetrachloroethene	9.275	164	25796	19.205	ug/l	96
65) Chlorobenzene	10.079	112	58445	19.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21896	19.681	ug/l	99
67) Ethyl Benzene	10.195	91	102878	18.907	ug/l	100
68) m/p-Xylenes	10.299	106	79876	39.227	ug/l	98
69) o-Xylene	10.640	106	38779	19.736	ug/l	98
70) Styrene	10.659	104	64801	20.211	ug/l	98
71) Bromoform	10.799	173	15159	19.249	ug/l #	100
73) Isopropylbenzene	10.963	105	103465	19.299	ug/l	99
74) N-amyl acetate	10.841	43	37712	18.221	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27344	19.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25363m	17.613	ug/l	
77) Bromobenzene	11.201	156	24186	19.693	ug/l	96
78) n-propylbenzene	11.305	91	117857	19.278	ug/l	100
79) 2-Chlorotoluene	11.366	91	70809	19.100	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86221	19.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7728	20.218	ug/l	96
82) 4-Chlorotoluene	11.457	91	80381	18.865	ug/l	98
83) tert-Butylbenzene	11.713	119	79820	19.346	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86012	19.457	ug/l	98
85) sec-Butylbenzene	11.890	105	105171	19.706	ug/l	99
86) p-Isopropyltoluene	12.012	119	89468	19.982	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44519	19.338	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	44552	19.120	ug/l	99
89) n-Butylbenzene	12.335	91	74039	19.269	ug/l	100
90) Hexachloroethane	12.542	117	13245	19.132	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42114	19.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6074	17.465	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	26556	19.040	ug/l	98
94) Hexachlorobutadiene	13.725	225	11703	19.876	ug/l	97
95) Naphthalene	13.774	128	85746	18.431	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25580	18.648	ug/l	99

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

