

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033151.D
 Acq On : 01 Dec 2022 10:33
 Operator : JC/MD
 Sample : VX1201WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 00:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61972	48.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.420%		
35) Dibromofluoromethane	5.385	113	52106	45.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.647	98	156063	45.356	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.720%#		
62) 4-Bromofluorobenzene	11.079	95	71076	47.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15817	15.774	ug/l	97
3) Chloromethane	1.294	50	17188	15.879	ug/l	97
4) Vinyl Chloride	1.374	62	19982	16.579	ug/l	96
5) Bromomethane	1.617	94	14309	16.010	ug/l	99
6) Chloroethane	1.691	64	16558	16.875	ug/l	98
7) Trichlorofluoromethane	1.892	101	42232	18.054	ug/l	97
8) Diethyl Ether	2.136	74	14401	19.554	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	22818	18.559	ug/l	99
10) Methyl Iodide	2.453	142	17967	12.765	ug/l	100
11) Tert butyl alcohol	3.001	59	23358	115.286	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	20293	17.718	ug/l	99
13) Acrolein	2.239	56	20085	86.303	ug/l	96
14) Allyl chloride	2.666	41	33025	17.860	ug/l	98
15) Acrylonitrile	3.068	53	55833	97.427	ug/l	97
16) Acetone	2.392	43	58233	97.557	ug/l	99
17) Carbon Disulfide	2.514	76	47224	14.924	ug/l	99
18) Methyl Acetate	2.709	43	31962	19.343	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76642	19.295	ug/l	100
20) Methylene Chloride	2.794	84	23909	18.431	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	22412	17.106	ug/l	96
22) Diisopropyl ether	3.757	45	76765	19.066	ug/l	89
23) Vinyl Acetate	3.721	43	293961	93.271	ug/l	100
24) 1,1-Dichloroethane	3.611	63	42167	18.301	ug/l	100
25) 2-Butanone	4.562	43	79182	96.201	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33962	18.332	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	27500	18.474	ug/l	99
28) Bromochloromethane	4.903	49	18125	17.903	ug/l	98
29) Tetrahydrofuran	5.007	42	48952	93.727	ug/l	99
30) Chloroform	5.092	83	48278	18.709	ug/l	99
31) Cyclohexane	5.470	56	35553	17.167	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	42136	18.233	ug/l	99
36) 1,1-Dichloropropene	5.690	75	33186	18.229	ug/l	99
37) Ethyl Acetate	4.714	43	31965	20.126	ug/l	98
38) Carbon Tetrachloride	5.678	117	36704	18.174	ug/l	99
39) Methylcyclohexane	7.379	83	38279	18.429	ug/l	99
40) Benzene	6.037	78	93999	18.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17431	19.504	ug/l	98
42) 1,2-Dichloroethane	6.080	62	40378	19.647	ug/l	99
43) Isopropyl Acetate	6.336	43	51890	19.755	ug/l	99
44) Trichloroethene	7.123	130	26208	18.298	ug/l	97
45) 1,2-Dichloropropane	7.427	63	24577	19.484	ug/l	94
46) Dibromomethane	7.580	93	18889	19.191	ug/l	99
47) Bromodichloromethane	7.824	83	36973	19.440	ug/l	98
48) Methyl methacrylate	7.690	41	26231	19.401	ug/l	97
49) 1,4-Dioxane	7.714	88	10866	436.587	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	161679	99.750	ug/l	100
52) Toluene	8.720	92	62019	18.469	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36547	18.859	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38910	18.978	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26648	19.491	ug/l	98
56) Ethyl methacrylate	9.116	69	37213	19.755	ug/l	99
57) 1,3-Dichloropropane	9.305	76	42566	19.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	87750	98.098	ug/l	99
59) 2-Hexanone	9.427	43	122669	102.451	ug/l	99
60) Dibromochloromethane	9.518	129	28904	19.636	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27654	19.163	ug/l	100
64) Tetrachloroethene	9.275	164	23663	17.974	ug/l	96
65) Chlorobenzene	10.079	112	69122	18.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26178	19.267	ug/l	99
67) Ethyl Benzene	10.195	91	124121	18.870	ug/l	100
68) m/p-Xylenes	10.299	106	95950	37.251	ug/l	99
69) o-Xylene	10.640	106	45757	18.360	ug/l	97
70) Styrene	10.659	104	77356	18.972	ug/l	99
71) Bromoform	10.799	173	20383	19.566	ug/l #	98
73) Isopropylbenzene	10.963	105	126318	18.601	ug/l	99
74) N-amyl acetate	10.841	43	44498	19.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39569	19.305	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36094m	20.055	ug/l	
77) Bromobenzene	11.195	156	30463	18.240	ug/l	96
78) n-propylbenzene	11.305	91	143884	18.531	ug/l	100
79) 2-Chlorotoluene	11.366	91	88401	18.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	108588	19.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9822	17.739	ug/l	93
82) 4-Chlorotoluene	11.457	91	102213	18.496	ug/l	99
83) tert-Butylbenzene	11.713	119	107324	18.899	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	107154	18.837	ug/l	98
85) sec-Butylbenzene	11.890	105	129407	19.048	ug/l	100
86) p-Isopropyltoluene	12.012	119	108912	18.921	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57641	18.401	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58518	18.240	ug/l	99
89) n-Butylbenzene	12.335	91	92301	18.614	ug/l	99
90) Hexachloroethane	12.536	117	17446	18.448	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	56813	18.644	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8033	19.643	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	35305	18.795	ug/l	96
94) Hexachlorobutadiene	13.725	225	15373	18.550	ug/l	99
95) Naphthalene	13.774	128	114778	18.888	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34855	18.503	ug/l	99

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

