

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026423.D
 Acq On : 11 Jan 2022 16:31
 Operator : JC/MD
 Sample : VX0111WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBS01

Quant Time: Jan 12 06:46:02 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75531	47.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.385	113	57639	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	8.647	98	216896	50.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.960%		
62) 4-Bromofluorobenzene	11.079	95	80485	52.727	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	26474	19.531	ug/l	99
3) Chloromethane	1.295	50	24771	19.935	ug/l	99
4) Vinyl Chloride	1.380	62	25577	19.605	ug/l	98
5) Bromomethane	1.618	94	13186	21.910	ug/l	96
6) Chloroethane	1.691	64	13426	20.351	ug/l	96
7) Trichlorofluoromethane	1.892	101	39293	19.076	ug/l	98
8) Diethyl Ether	2.136	74	13854	19.007	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	24490	19.510	ug/l	99
10) Methyl Iodide	2.459	142	21804	19.146	ug/l	98
11) Tert butyl alcohol	3.002	59	25095	112.498	ug/l	99
12) 1,1-Dichloroethene	2.325	96	22774	18.997	ug/l	97
13) Acrolein	2.239	56	23409	98.757	ug/l	99
14) Allyl chloride	2.666	41	42169	19.127	ug/l	99
15) Acrylonitrile	3.069	53	69637	101.412	ug/l	99
16) Acetone	2.392	43	76150	93.122	ug/l	100
17) Carbon Disulfide	2.514	76	64723	18.492	ug/l	99
18) Methyl Acetate	2.709	43	31996	19.681	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	83747	19.252	ug/l	99
20) Methylene Chloride	2.794	84	25819	19.110	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	24848	19.146	ug/l	96
22) Diisopropyl ether	3.757	45	86898	19.404	ug/l #	86
23) Vinyl Acetate	3.721	43	368315	99.914	ug/l	100
24) 1,1-Dichloroethane	3.611	63	46877	19.382	ug/l	98
25) 2-Butanone	4.562	43	104844	98.588	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33388	18.624	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	28388	19.165	ug/l	100
28) Bromochloromethane	4.904	49	18070	18.196	ug/l	98
29) Tetrahydrofuran	5.007	42	63458	100.471	ug/l	100
30) Chloroform	5.099	83	48055	19.123	ug/l	98
31) Cyclohexane	5.471	56	45160	19.094	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	42523	19.238	ug/l	100
36) 1,1-Dichloropropene	5.696	75	36497	19.389	ug/l	100
37) Ethyl Acetate	4.715	43	39436	20.710	ug/l	100
38) Carbon Tetrachloride	5.678	117	37585	19.411	ug/l	98
39) Methylcyclohexane	7.385	83	45523	20.049	ug/l	97
40) Benzene	6.044	78	102055	19.615	ug/l	99

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41) Methacrylonitrile	4.916	41	22536	20.892	ug/l	98
42) 1,2-Dichloroethane	6.086	62	40465	19.878	ug/l	100
43) Isopropyl Acetate	6.342	43	62883	20.444	ug/l	100
44) Trichloroethene	7.129	130	29117	19.722	ug/l	97
45) 1,2-Dichloropropane	7.434	63	26187	20.164	ug/l	99
46) Dibromomethane	7.580	93	18582	20.297	ug/l	99
47) Bromodichloromethane	7.824	83	36828	19.909	ug/l	100
48) Methyl methacrylate	7.696	41	31446	20.629	ug/l	99
49) 1,4-Dioxane	7.702	88	10178	406.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	198746	108.936	ug/l	100
52) Toluene	8.720	92	66436	20.822	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	36226	19.510	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40448	20.358	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	25897	20.799	ug/l	97
56) Ethyl methacrylate	9.116	69	41010	21.492	ug/l	99
57) 1,3-Dichloropropane	9.311	76	45051	20.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	94663	94.611	ug/l	98
59) 2-Hexanone	9.433	43	148967	106.681	ug/l	100
60) Dibromochloromethane	9.519	129	27435	21.145	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27291	21.035	ug/l	98
64) Tetrachloroethene	9.275	164	30561	19.608	ug/l	97
65) Chlorobenzene	10.080	112	69374	19.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25383	19.662	ug/l	98
67) Ethyl Benzene	10.195	91	128297	20.320	ug/l	98
68) m/p-Xylenes	10.299	106	95950	40.608	ug/l	99
69) o-Xylene	10.640	106	46501	20.396	ug/l	99
70) Styrene	10.659	104	76768	20.635	ug/l	99
71) Bromoform	10.799	173	17363	19.030	ug/l #	99
73) Isopropylbenzene	10.964	105	124866	20.287	ug/l	100
74) N-amyl acetate	10.842	43	49498	20.830	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	32941	19.939	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33301m	20.142	ug/l	
77) Bromobenzene	11.201	156	28051	19.893	ug/l	98
78) n-propylbenzene	11.305	91	143538	20.450	ug/l	99
79) 2-Chlorotoluene	11.366	91	86067	20.221	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104047	20.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8560	19.681	ug/l	94
82) 4-Chlorotoluene	11.457	91	97545	19.940	ug/l	100
83) tert-Butylbenzene	11.713	119	95841	20.232	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104286	20.547	ug/l	100
85) sec-Butylbenzene	11.890	105	125185	20.431	ug/l	100
86) p-Isopropyltoluene	12.012	119	105963	20.613	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	51336	19.423	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	51622	19.296	ug/l	96
89) n-Butylbenzene	12.335	91	90205	20.448	ug/l	99
90) Hexachloroethane	12.542	117	14953	18.849	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49687	19.893	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7873	19.717	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	30851	19.265	ug/l	98
94) Hexachlorobutadiene	13.725	225	13685	20.244	ug/l	97
95) Naphthalene	13.774	128	105621	19.774	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30626	19.447	ug/l	99

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

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