

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030271.D
 Acq On : 28 Jul 2022 15:47
 Operator : JC/MD
 Sample : VX0728WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 05:57:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153156	55.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	5.391	113	121321	52.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	8.653	98	459713	51.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.085	95	171935	51.804	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48325	21.289	ug/l	98
3) Chloromethane	1.288	50	42900	19.111	ug/l	97
4) Vinyl Chloride	1.374	62	45309	19.998	ug/l	96
5) Bromomethane	1.599	94	20904	23.222	ug/l	93
6) Chloroethane	1.679	64	27434	21.089	ug/l	98
7) Trichlorofluoromethane	1.886	101	64429	21.585	ug/l	99
8) Diethyl Ether	2.136	74	24723	21.151	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	45898	20.760	ug/l	99
10) Methyl Iodide	2.453	142	24862	12.712	ug/l	95
11) Tert butyl alcohol	2.971	59	86425	127.424	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46429	21.484	ug/l	96
13) Acrolein	2.239	56	16533	99.176	ug/l	98
14) Allyl chloride	2.660	41	95733	21.468	ug/l	96
15) Acrylonitrile	3.069	53	186539	111.294	ug/l	99
16) Acetone	2.386	43	157335	110.523	ug/l	97
17) Carbon Disulfide	2.508	76	108060	18.524	ug/l	99
18) Methyl Acetate	2.709	43	92427	21.951	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	158537	21.417	ug/l	96
20) Methylene Chloride	2.788	84	55595	21.331	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	48089	20.160	ug/l	90
22) Diisopropyl ether	3.770	45	186992	22.162	ug/l #	86
23) Vinyl Acetate	3.727	43	814177	111.240	ug/l	98
24) 1,1-Dichloroethane	3.611	63	96217	21.460	ug/l	100
25) 2-Butanone	4.568	43	267284	111.733	ug/l	95
26) 2,2-Dichloropropane	4.477	77	72170	22.261	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	59383	21.171	ug/l	94
28) Bromochloromethane	4.910	49	39060	20.622	ug/l	93
29) Tetrahydrofuran	5.013	42	178439	110.863	ug/l	94
30) Chloroform	5.099	83	95167	21.438	ug/l	99
31) Cyclohexane	5.471	56	82554	20.449	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	75780	21.001	ug/l	97
36) 1,1-Dichloropropene	5.696	75	67558	20.329	ug/l	95
37) Ethyl Acetate	4.721	43	99356	21.112	ug/l	97
38) Carbon Tetrachloride	5.678	117	64225	20.702	ug/l	93
39) Methylcyclohexane	7.385	83	81061	18.897	ug/l	96
40) Benzene	6.044	78	210724	20.154	ug/l	98

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41) Methacrylonitrile	4.934	41	55496	21.999	ug/l	95
42) 1,2-Dichloroethane	6.092	62	75042	20.770	ug/l	96
43) Isopropyl Acetate	6.348	43	146943	21.299	ug/l	98
44) Trichloroethene	7.129	130	55138	19.299	ug/l	93
45) 1,2-Dichloropropane	7.434	63	57984	20.792	ug/l	99
46) Dibromomethane	7.586	93	37589	19.820	ug/l	97
47) Bromodichloromethane	7.824	83	70500	20.449	ug/l	97
48) Methyl methacrylate	7.696	41	72692	21.407	ug/l	95
49) 1,4-Dioxane	7.659	88	32717	417.156	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	510255	108.945	ug/l	96
52) Toluene	8.720	92	127266	19.950	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	75497	20.315	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	83518	20.622	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	55043	20.265	ug/l	98
56) Ethyl methacrylate	9.122	69	91019	21.198	ug/l	93
57) 1,3-Dichloropropane	9.311	76	92932	20.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	226144	106.123	ug/l	97
59) 2-Hexanone	9.433	43	407251	110.214	ug/l	95
60) Dibromochloromethane	9.525	129	51626	20.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56435	19.899	ug/l	99
64) Tetrachloroethene	9.275	164	51605	19.494	ug/l	97
65) Chlorobenzene	10.079	112	136290	20.404	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	48787	21.486	ug/l	99
67) Ethyl Benzene	10.195	91	246970	24.114	ug/l	96
68) m/p-Xylenes	10.305	106	187798	41.504	ug/l	92
69) o-Xylene	10.646	106	93201	20.899	ug/l	90
70) Styrene	10.659	104	154703	21.114	ug/l	97
71) Bromoform	10.799	173	34684	20.778	ug/l #	100
73) Isopropylbenzene	10.963	105	242642	20.491	ug/l	99
74) N-amyl acetate	10.848	43	122888	21.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89564	20.664	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	84508m	21.136	ug/l	
77) Bromobenzene	11.201	156	56130	20.195	ug/l	93
78) n-propylbenzene	11.305	91	289774	20.503	ug/l	99
79) 2-Chlorotoluene	11.366	91	176727	19.801	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	202362	20.409	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	26529	19.905	ug/l	91
82) 4-Chlorotoluene	11.457	91	201023	20.615	ug/l	97
83) tert-Butylbenzene	11.719	119	190564	20.735	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	205867	20.811	ug/l	98
85) sec-Butylbenzene	11.890	105	267596	21.273	ug/l	99
86) p-Isopropyltoluene	12.012	119	219646	21.826	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	108870	20.141	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	108490	19.717	ug/l	98
89) n-Butylbenzene	12.335	91	203954	21.768	ug/l	99
90) Hexachloroethane	12.542	117	34296	19.793	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	110775	20.879	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23703	22.802	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	63329	20.583	ug/l	99
94) Hexachlorobutadiene	13.725	225	25272	20.457	ug/l	97
95) Naphthalene	13.780	128	266215	22.151	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65749	20.837	ug/l	99

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

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