

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031743.D
 Acq On : 28 Sep 2022 22:40
 Operator : JC/MD
 Sample : VX0928WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Quant Time: Sep 29 04:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	100300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74244	54.942	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.880%			
35) Dibromofluoromethane	5.385	113	63856	53.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	8.647	98	223447	51.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	11.079	95	85148	53.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	14885	19.210	ug/l	98
3) Chloromethane	1.288	50	15798	21.290	ug/l	93
4) Vinyl Chloride	1.368	62	21086	19.774	ug/l	99
5) Bromomethane	1.612	94	20857	18.089	ug/l	93
6) Chloroethane	1.685	64	19885	14.854	ug/l #	87
7) Trichlorofluoromethane	1.886	101	48418	16.411	ug/l	97
8) Diethyl Ether	2.130	74	16511	19.794	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	18720	22.119	ug/l	94
10) Methyl Iodide	2.453	142	17977	21.670	ug/l	96
11) Tert butyl alcohol	2.995	59	21065	104.484	ug/l	97
12) 1,1-Dichloroethene	2.319	96	17053	24.834	ug/l	90
13) Acrolein	2.239	56	7802	76.894	ug/l	98
14) Allyl chloride	2.666	41	22587	20.284	ug/l	94
15) Acrylonitrile	3.069	53	50119	106.868	ug/l	99
16) Acetone	2.392	43	43017	128.224	ug/l	98
17) Carbon Disulfide	2.508	76	30399	20.529	ug/l	100
18) Methyl Acetate	2.709	43	26230	21.600	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	66087	21.988	ug/l	95
20) Methylene Chloride	2.788	84	21372	24.134	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	19780	21.141	ug/l	90
22) Diisopropyl ether	3.757	45	57987	20.234	ug/l #	84
23) Vinyl Acetate	3.721	43	226267	99.832	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	36415	22.040	ug/l	97
25) 2-Butanone	4.568	43	67194	104.174	ug/l	93
26) 2,2-Dichloropropane	4.477	77	23502	17.526	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	24878	21.711	ug/l	86
28) Bromochloromethane	4.904	49	15753	20.382	ug/l #	69
29) Tetrahydrofuran	5.013	42	41223	101.735	ug/l #	84
30) Chloroform	5.093	83	44070	21.682	ug/l	100
31) Cyclohexane	5.471	56	25417	19.782	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	37334	22.178	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27182	19.805	ug/l	97
37) Ethyl Acetate	4.721	43	26756	19.327	ug/l	99
38) Carbon Tetrachloride	5.678	117	31305	20.239	ug/l	98
39) Methylcyclohexane	7.379	83	29846	19.086	ug/l	88
40) Benzene	6.038	78	86355	20.486	ug/l	98

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41) Methacrylonitrile	4.922	41	13790	19.576	ug/l	91
42) 1,2-Dichloroethane	6.086	62	33582	20.599	ug/l	97
43) Isopropyl Acetate	6.342	43	40844	18.746	ug/l #	95
44) Trichloroethene	7.129	130	24620	20.678	ug/l	87
45) 1,2-Dichloropropane	7.434	63	21320	20.840	ug/l	97
46) Dibromomethane	7.580	93	17269	21.019	ug/l	91
47) Bromodichloromethane	7.824	83	31145	21.007	ug/l	100
48) Methyl methacrylate	7.696	41	19185	20.021	ug/l #	86
49) 1,4-Dioxane	7.708	88	11296	462.273	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	139636	101.249	ug/l	94
52) Toluene	8.720	92	58358	20.769	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28138	17.698	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	30660	19.899	ug/l	88
55) 1,1,2-Trichloroethane	9.153	97	24997	20.663	ug/l	94
56) Ethyl methacrylate	9.116	69	32383	20.922	ug/l	90
57) 1,3-Dichloropropane	9.311	76	39657	20.699	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	75181	98.641	ug/l	90
59) 2-Hexanone	9.433	43	104571	101.625	ug/l	94
60) Dibromochloromethane	9.519	129	24873	18.607	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26825	21.844	ug/l	99
64) Tetrachloroethene	9.275	164	25395	21.100	ug/l	98
65) Chlorobenzene	10.080	112	66146	21.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	24828	21.996	ug/l	97
67) Ethyl Benzene	10.195	91	110504	20.707	ug/l	98
68) m/p-Xylenes	10.305	106	89122	41.565	ug/l	97
69) o-Xylene	10.640	106	44402	21.186	ug/l	95
70) Styrene	10.659	104	72986	21.394	ug/l	97
71) Bromoform	10.799	173	16527	18.502	ug/l #	98
73) Isopropylbenzene	10.964	105	114751	21.503	ug/l	99
74) N-amyl acetate	10.848	43	35584	20.556	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	37415	22.065	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33367m	22.305	ug/l	
77) Bromobenzene	11.195	156	29234	21.549	ug/l	93
78) n-propylbenzene	11.305	91	129580	21.821	ug/l	99
79) 2-Chlorotoluene	11.366	91	79628	21.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	99372	21.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6998	17.995	ug/l #	82
82) 4-Chlorotoluene	11.457	91	92456	21.824	ug/l	97
83) tert-Butylbenzene	11.713	119	95675	21.932	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	100624	22.473	ug/l	99
85) sec-Butylbenzene	11.890	105	119408	21.539	ug/l	99
86) p-Isopropyltoluene	12.012	119	102130	21.362	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56566	21.508	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58172	21.131	ug/l	98
89) n-Butylbenzene	12.335	91	82079	21.017	ug/l	99
90) Hexachloroethane	12.536	117	15283	19.936	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57377	21.785	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7630	22.456	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	32362	21.012	ug/l	99
94) Hexachlorobutadiene	13.725	225	12383	20.618	ug/l	98
95) Naphthalene	13.774	128	119588	23.245	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34311	21.706	ug/l	97

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

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