

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031380.D
 Acq On : 16 Sep 2022 02:42
 Operator : JC/MD
 Sample : VX0915WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Quant Time: Sep 16 05:02:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	54024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	84780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55837	42.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 84.220%			
35) Dibromofluoromethane	5.391	113	45752	50.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.653	98	169821	49.677	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	57603	46.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9724	16.670	ug/l	97
3) Chloromethane	1.288	50	14939	17.662	ug/l	98
4) Vinyl Chloride	1.374	62	18182	19.262	ug/l	97
5) Bromomethane	1.612	94	26756	37.798	ug/l	98
6) Chloroethane	1.685	64	20411	27.257	ug/l	99
7) Trichlorofluoromethane	1.886	101	44930	25.967	ug/l	99
8) Diethyl Ether	2.136	74	15713	20.372	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	15213	18.593	ug/l	92
10) Methyl Iodide	2.453	142	16489	19.452	ug/l	99
11) Tert butyl alcohol	2.983	59	26548	72.134	ug/l	96
12) 1,1-Dichloroethene	2.319	96	14349	19.024	ug/l	96
13) Acrolein	2.239	56	9208	60.174	ug/l	94
14) Allyl chloride	2.666	41	22594	13.560	ug/l	96
15) Acrylonitrile	3.069	53	49094	80.271	ug/l	98
16) Acetone	2.386	43	44373	78.385	ug/l	99
17) Carbon Disulfide	2.514	76	30889	17.693	ug/l	98
18) Methyl Acetate	2.709	43	25995	15.486	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	54000	15.460	ug/l	96
20) Methylene Chloride	2.788	84	17524	18.222	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	15529	17.366	ug/l	97
22) Diisopropyl ether	3.764	45	53246	15.271	ug/l	94
23) Vinyl Acetate	3.727	43	226372	78.119	ug/l	99
24) 1,1-Dichloroethane	3.611	63	29581	16.165	ug/l	97
25) 2-Butanone	4.568	43	70052	75.023	ug/l	98
26) 2,2-Dichloropropane	4.471	77	18495	10.653	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	19029	17.128	ug/l	88
28) Bromochloromethane	4.904	49	14282	16.744	ug/l	92
29) Tetrahydrofuran	5.013	42	42890	74.156	ug/l	96
30) Chloroform	5.093	83	32646	16.847	ug/l	100
31) Cyclohexane	5.477	56	24115	16.927	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	28616	16.481	ug/l	99
36) 1,1-Dichloropropene	5.696	75	21811	17.486	ug/l	98
37) Ethyl Acetate	4.721	43	26557	16.201	ug/l	99
38) Carbon Tetrachloride	5.678	117	24108	17.780	ug/l	95
39) Methylcyclohexane	7.385	83	25033	18.223	ug/l	96
40) Benzene	6.044	78	67473	18.837	ug/l	97

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41) Methacrylonitrile	4.928	41	13976	15.739	ug/l	97
42) 1,2-Dichloroethane	6.092	62	26172	18.114	ug/l	100
43) Isopropyl Acetate	6.342	43	43993	15.723	ug/l	100
44) Trichloroethene	7.129	130	18103	19.823	ug/l	91
45) 1,2-Dichloropropane	7.434	63	17085	17.423	ug/l	94
46) Dibromomethane	7.580	93	13383	19.244	ug/l	96
47) Bromodichloromethane	7.824	83	24186	16.721	ug/l	98
48) Methyl methacrylate	7.696	41	19296	15.149	ug/l	93
49) 1,4-Dioxane	7.690	88	9848	385.530	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	143453	84.348	ug/l	99
52) Toluene	8.720	92	43070	19.008	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	24505	15.055	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	25872	15.467	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	18624	18.620	ug/l	96
56) Ethyl methacrylate	9.116	69	26502	16.367	ug/l	96
57) 1,3-Dichloropropane	9.311	76	30578	17.791	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	59850	79.332	ug/l	96
59) 2-Hexanone	9.433	43	111372	85.799	ug/l	99
60) Dibromochloromethane	9.525	129	19190	17.796	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19856	19.347	ug/l	98
64) Tetrachloroethene	9.275	164	17925	21.164	ug/l	95
65) Chlorobenzene	10.080	112	48466	19.754	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18020	18.642	ug/l	98
67) Ethyl Benzene	10.195	91	84251	18.959	ug/l	98
68) m/p-Xylenes	10.305	106	65992	39.109	ug/l	98
69) o-Xylene	10.640	106	32097	18.728	ug/l	100
70) Styrene	10.659	104	53167	19.077	ug/l	98
71) Bromoform	10.799	173	13010	16.906	ug/l #	97
73) Isopropylbenzene	10.964	105	84355	18.364	ug/l	99
74) N-amyl acetate	10.842	43	36493	15.980	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	29568	17.911	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	26054m	16.624	ug/l	
77) Bromobenzene	11.195	156	19824	18.927	ug/l	97
78) n-propylbenzene	11.305	91	96759	17.949	ug/l	99
79) 2-Chlorotoluene	11.366	91	56788	17.216	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	69975	18.182	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7250	12.800	ug/l	90
82) 4-Chlorotoluene	11.457	91	64425	17.040	ug/l	98
83) tert-Butylbenzene	11.713	119	69614	18.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	70084	18.322	ug/l	98
85) sec-Butylbenzene	11.890	105	85449	17.723	ug/l	99
86) p-Isopropyltoluene	12.012	119	71266	18.139	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38912	19.486	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	39240	19.119	ug/l	99
89) n-Butylbenzene	12.335	91	60886	17.476	ug/l	97
90) Hexachloroethane	12.542	117	12651	16.124	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	39538	19.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6452	15.684	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	22506	20.444	ug/l	95
94) Hexachlorobutadiene	13.725	225	8163	18.996	ug/l	99
95) Naphthalene	13.774	128	85400	19.094	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	22877	19.405	ug/l	98

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

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