

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030106.D
 Acq On : 18 Jul 2022 13:25
 Operator : JC/MD
 Sample : N3755-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-394-414-071422MS

Quant Time: Jul 19 05:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	168733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111069	54.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.160%			
35) Dibromofluoromethane	5.391	113	93917	50.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.653	98	358119	50.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.085	95	131430	53.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	103875	54.285	ug/l	98
3) Chloromethane	1.288	50	93078	52.937	ug/l	99
4) Vinyl Chloride	1.374	62	103311	52.900	ug/l	99
5) Bromomethane	1.605	94	40097	48.332	ug/l	95
6) Chloroethane	1.679	64	57849	52.601	ug/l	95
7) Trichlorofluoromethane	1.880	101	133939	53.105	ug/l	98
8) Diethyl Ether	2.136	74	53756	51.519	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	94253	54.740	ug/l	98
10) Methyl Iodide	2.453	142	94090	55.386	ug/l	98
11) Tert butyl alcohol	2.989	59	129498	244.308	ug/l	97
12) 1,1-Dichloroethene	2.319	96	93921	54.633	ug/l	97
13) Acrolein	2.240	56	28333	268.384	ug/l	95
14) Allyl chloride	2.666	41	175546	58.433	ug/l	98
15) Acrylonitrile	3.069	53	349899	290.453	ug/l	99
16) Acetone	2.386	43	331666	342.716	ug/l	99
17) Carbon Disulfide	2.508	76	240132	49.916	ug/l	98
18) Methyl Acetate	2.709	43	168950	57.386	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	319517	58.799	ug/l	96
20) Methylene Chloride	2.788	84	112456	57.769	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	103199	57.592	ug/l	100
22) Diisopropyl ether	3.764	45	356725	60.662	ug/l	97
23) Vinyl Acetate	3.727	43	1502003	301.715	ug/l	99
24) 1,1-Dichloroethane	3.611	63	186898	57.355	ug/l	99
25) 2-Butanone	4.568	43	514860	312.318	ug/l	98
26) 2,2-Dichloropropane	4.477	77	128316	56.056	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	121190	55.228	ug/l	98
28) Bromochloromethane	4.904	49	77721	56.694	ug/l	100
29) Tetrahydrofuran	5.013	42	330134	295.089	ug/l	98
30) Chloroform	5.105	83	191467	58.960	ug/l	94
31) Cyclohexane	5.477	56	170250	57.183	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	154820	58.331	ug/l	99
36) 1,1-Dichloropropene	5.696	75	138232	57.223	ug/l	98
37) Ethyl Acetate	4.721	43	184735	59.513	ug/l	99
38) Carbon Tetrachloride	5.684	117	129978	57.698	ug/l	97
39) Methylcyclohexane	7.385	83	175846	57.422	ug/l	98
40) Benzene	6.044	78	451591	59.394	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	100105	59.893	ug/l	99
42) 1,2-Dichloroethane	6.092	62	147277	62.500	ug/l	98
43) Isopropyl Acetate	6.349	43	279572	59.895	ug/l	99
44) Trichloroethene	7.135	130	118696	53.423	ug/l	96
45) 1,2-Dichloropropane	7.434	63	114851	58.114	ug/l	99
46) Dibromomethane	7.586	93	78868	57.981	ug/l	98
47) Bromodichloromethane	7.824	83	145565	58.976	ug/l	95
48) Methyl methacrylate	7.696	41	135876	63.089	ug/l	97
49) 1,4-Dioxane	7.678	88	62036	1108.669	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	949639	307.448	ug/l	99
52) Toluene	8.720	92	282641	58.540	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	156692	61.118	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	173173	58.961	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	114739	57.627	ug/l	97
56) Ethyl methacrylate	9.116	69	179235	59.874	ug/l	95
57) 1,3-Dichloropropane	9.311	76	186648	59.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	485522	298.691	ug/l	99
59) 2-Hexanone	9.433	43	754589	318.572	ug/l	98
60) Dibromochloromethane	9.525	129	111646	57.557	ug/l	99
61) 1,2-Dibromoethane	9.610	107	118588	57.228	ug/l	98
64) Tetrachloroethene	9.275	164	121944	56.835	ug/l	99
65) Chlorobenzene	10.080	112	288423	54.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	101166	55.755	ug/l	99
67) Ethyl Benzene	10.195	91	523174	57.998	ug/l	100
68) m/p-Xylenes	10.305	106	402493	113.762	ug/l	96
69) o-Xylene	10.647	106	201746	56.949	ug/l	99
70) Styrene	10.659	104	334595	56.906	ug/l	99
71) Bromoform	10.805	173	79152	54.296	ug/l #	99
73) Isopropylbenzene	10.964	105	515152	55.056	ug/l	100
74) N-amyl acetate	10.848	43	242294	58.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	176580	52.308	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	168946m	54.681	ug/l	
77) Bromobenzene	11.201	156	119083	50.867	ug/l	98
78) n-propylbenzene	11.305	91	618288	55.699	ug/l	99
79) 2-Chlorotoluene	11.366	91	367572	55.284	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	431741	54.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57677	53.874	ug/l	97
82) 4-Chlorotoluene	11.457	91	414412	55.630	ug/l	99
83) tert-Butylbenzene	11.720	119	399072	52.780	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	435578	55.854	ug/l	99
85) sec-Butylbenzene	11.890	105	558576	55.882	ug/l	99
86) p-Isopropyltoluene	12.012	119	452982	56.488	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	230211	53.221	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	234090	52.735	ug/l	98
89) n-Butylbenzene	12.335	91	426107	59.306	ug/l	99
90) Hexachloroethane	12.543	117	74182	54.114	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	231995	52.791	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42663	55.349	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	139878	51.821	ug/l	97
94) Hexachlorobutadiene	13.725	225	51508	47.796	ug/l	98
95) Naphthalene	13.780	128	564586	52.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143751	52.340	ug/l	100

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

