

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031202.D
 Acq On : 08 Sep 2022 10:13
 Operator : JC/MD
 Sample : VX0907WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD03

Quant Time: Sep 08 14:00:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	45728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	74565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58778	54.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.580%			
35) Dibromofluoromethane	5.385	113	43197	53.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	8.647	98	142362	48.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.440%			
62) 4-Bromofluorobenzene	11.079	95	58068	53.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16992	23.123	ug/l	95
3) Chloromethane	1.288	50	10597	18.766	ug/l	96
4) Vinyl Chloride	1.374	62	12778	19.169	ug/l	100
5) Bromomethane	1.611	94	8499	19.955	ug/l	96
6) Chloroethane	1.685	64	8814	23.570	ug/l	98
7) Trichlorofluoromethane	1.886	101	32925	22.667	ug/l	98
8) Diethyl Ether	2.136	74	9000	21.814	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	17147	20.875	ug/l	96
10) Methyl Iodide	2.453	142	17289	17.022	ug/l #	85
11) Tert butyl alcohol	2.995	59	13078	45.742	ug/l #	77
12) 1,1-Dichloroethene	2.313	96	15158	19.633	ug/l	85
13) Acrolein	2.239	56	14022	93.257	ug/l	100
14) Allyl chloride	2.666	41	20649	19.909	ug/l #	75
15) Acrylonitrile	3.069	53	42962	104.216	ug/l	95
16) Acetone	2.392	43	41331	110.257	ug/l	94
17) Carbon Disulfide	2.514	76	37383	19.695	ug/l	96
18) Methyl Acetate	2.709	43	20236	20.853	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	62341	22.734	ug/l #	89
20) Methylene Chloride	2.788	84	17468	19.826	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	16928	19.789	ug/l	99
22) Diisopropyl ether	3.764	45	44767	20.555	ug/l #	90
23) Vinyl Acetate	3.721	43	197167	107.857	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	29982	20.755	ug/l	98
25) 2-Butanone	4.562	43	56596	101.928	ug/l	92
26) 2,2-Dichloropropane	4.471	77	29932	23.155	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	18981	19.326	ug/l	92
28) Bromochloromethane	4.897	49	10366	19.789	ug/l	85
29) Tetrahydrofuran	5.007	42	32824	100.128	ug/l #	75
30) Chloroform	5.093	83	36483	21.351	ug/l	99
31) Cyclohexane	5.477	56	24015	19.850	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	33995	22.073	ug/l	96
36) 1,1-Dichloropropene	5.696	75	25265	20.762	ug/l	94
37) Ethyl Acetate	4.721	43	22070	20.444	ug/l	97
38) Carbon Tetrachloride	5.684	117	29082	22.715	ug/l	94
39) Methylcyclohexane	7.379	83	29542	21.256	ug/l	98
40) Benzene	6.038	78	67276	20.352	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12337	21.856	ug/l #	95
42) 1,2-Dichloroethane	6.092	62	31022	22.921	ug/l	95
43) Isopropyl Acetate	6.342	43	35568	20.897	ug/l #	94
44) Trichloroethene	7.129	130	18722	20.148	ug/l	98
45) 1,2-Dichloropropane	7.434	63	16035	19.738	ug/l	99
46) Dibromomethane	7.580	93	14198	22.040	ug/l	98
47) Bromodichloromethane	7.824	83	28776	22.964	ug/l	90
48) Methyl methacrylate	7.696	41	18221	21.984	ug/l	87
49) 1,4-Dioxane	7.696	88	9516	415.907	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	108009	103.633	ug/l	92
52) Toluene	8.720	92	42797	19.629	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	29516	22.610	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	30238	21.576	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	18299	20.414	ug/l	98
56) Ethyl methacrylate	9.116	69	28284	21.417	ug/l	90
57) 1,3-Dichloropropane	9.311	76	31322	20.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	57058	91.670	ug/l	93
59) 2-Hexanone	9.433	43	85408	108.364	ug/l	94
60) Dibromochloromethane	9.525	129	20419	22.095	ug/l	96
61) 1,2-Dibromoethane	9.610	107	20016	20.093	ug/l	97
64) Tetrachloroethene	9.275	164	15565	18.757	ug/l	84
65) Chlorobenzene	10.079	112	48983	20.871	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	19660	21.446	ug/l	95
67) Ethyl Benzene	10.195	91	90328	21.238	ug/l	96
68) m/p-Xylenes	10.299	106	67218	42.635	ug/l	86
69) o-Xylene	10.640	106	32562	20.694	ug/l	87
70) Styrene	10.653	104	54713	21.683	ug/l #	92
71) Bromoform	10.799	173	13370	21.890	ug/l #	90
73) Isopropylbenzene	10.963	105	90786	20.494	ug/l	96
74) N-amyl acetate	10.842	43	28852	20.458	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	28235	20.418	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28228m	20.275	ug/l	
77) Bromobenzene	11.201	156	19459	20.212	ug/l	92
78) n-propylbenzene	11.305	91	102209	20.242	ug/l	99
79) 2-Chlorotoluene	11.366	91	63767	20.384	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	77772	20.884	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	8860	20.523	ug/l #	87
82) 4-Chlorotoluene	11.457	91	75493	20.858	ug/l	92
83) tert-Butylbenzene	11.719	119	75568	20.584	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	77761	21.478	ug/l	92
85) sec-Butylbenzene	11.890	105	91575	20.141	ug/l	99
86) p-Isopropyltoluene	12.012	119	78684	21.421	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	37307	20.850	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	37755	20.518	ug/l	95
89) n-Butylbenzene	12.335	91	67321	21.257	ug/l	99
90) Hexachloroethane	12.542	117	13017	20.625	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	37232	21.218	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7711	20.304	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	22272	21.705	ug/l	94
94) Hexachlorobutadiene	13.725	225	9206	21.127	ug/l	97
95) Naphthalene	13.774	128	84117	20.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21827	20.893	ug/l	96

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

