

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031339.D
 Acq On : 15 Sep 2022 05:36
 Operator : JC/MD
 Sample : VX0914WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS03

Quant Time: Sep 15 08:29:20 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 :Krupa Patel 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	32976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	57153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	61900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43995	54.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	5.385	113	31700	51.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	8.653	98	121539	52.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.480%			
62) 4-Bromofluorobenzene	11.079	95	42009	49.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	7208	20.244	ug/l	95
3) Chloromethane	1.288	50	12954	25.775	ug/l	96
4) Vinyl Chloride	1.374	62	14342	24.892	ug/l	99
5) Bromomethane	1.612	94	11744	27.180	ug/l	99
6) Chloroethane	1.691	64	13642	29.843	ug/l	96
7) Trichlorofluoromethane	1.886	101	28301	26.796	ug/l	98
8) Diethyl Ether	2.136	74	11196	23.948	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	10264	20.551	ug/l	98
10) Methyl Iodide	2.453	142	10942	21.069	ug/l	96
11) Tert butyl alcohol	3.008	59	19807m	96.709	ug/l	
12) 1,1-Dichloroethene	2.319	96	10201	22.157	ug/l	97
13) Acrolein	2.239	56	7496	80.253	ug/l	94
14) Allyl chloride	2.666	41	19869	19.535	ug/l	98
15) Acrylonitrile	3.069	53	39841	106.721	ug/l	99
16) Acetone	2.398	43	38135	110.364	ug/l	98
17) Carbon Disulfide	2.514	76	24688	22.894	ug/l	100
18) Methyl Acetate	2.709	43	22770	22.222	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	43061	20.197	ug/l	98
20) Methylene Chloride	2.794	84	12955	22.598	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	11396	21.182	ug/l	90
22) Diisopropyl ether	3.764	45	45577	21.414	ug/l #	91
23) Vinyl Acetate	3.727	43	197541	111.682	ug/l	97
24) 1,1-Dichloroethane	3.611	63	23241	20.807	ug/l	100
25) 2-Butanone	4.568	43	60880	106.816	ug/l	98
26) 2,2-Dichloropropane	4.483	77	12656	11.943	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	13953	20.575	ug/l	96
28) Bromochloromethane	4.904	49	11208	21.528	ug/l	90
29) Tetrahydrofuran	5.019	42	37915	107.396	ug/l	97
30) Chloroform	5.093	83	24496	20.710	ug/l	91
31) Cyclohexane	5.471	56	19116	21.983	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	20869	19.691	ug/l	96
36) 1,1-Dichloropropene	5.690	75	16850	20.038	ug/l	98
37) Ethyl Acetate	4.721	43	22407	20.277	ug/l	97
38) Carbon Tetrachloride	5.678	117	17151	18.764	ug/l	93
39) Methylcyclohexane	7.379	83	18391	19.860	ug/l	96
40) Benzene	6.038	78	51175	21.193	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12788	21.362	ug/l	94
42) 1,2-Dichloroethane	6.086	62	20678	21.230	ug/l	98
43) Isopropyl Acetate	6.348	43	37900	20.093	ug/l	98
44) Trichloroethene	7.129	130	12365	20.084	ug/l	98
45) 1,2-Dichloropropane	7.434	63	13637	20.629	ug/l	95
46) Dibromomethane	7.586	93	9673	20.633	ug/l	99
47) Bromodichloromethane	7.824	83	19231	19.722	ug/l	94
48) Methyl methacrylate	7.696	41	17014	19.815	ug/l	96
49) 1,4-Dioxane	7.714	88	7868	456.909	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	123653	107.851	ug/l	97
52) Toluene	8.720	92	31752	20.787	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	19051	17.361	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	20759	18.409	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	13615	20.192	ug/l	99
56) Ethyl methacrylate	9.116	69	21550	19.743	ug/l	91
57) 1,3-Dichloropropane	9.311	76	24277	20.953	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	49020	96.386	ug/l	95
59) 2-Hexanone	9.433	43	94644	108.157	ug/l	97
60) Dibromochloromethane	9.525	129	13144	18.081	ug/l	97
61) 1,2-Dibromoethane	9.610	107	14097	20.375	ug/l	98
64) Tetrachloroethene	9.275	164	11684	20.645	ug/l	96
65) Chlorobenzene	10.080	112	33109	20.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	12383	19.171	ug/l	99
67) Ethyl Benzene	10.195	91	60910	20.512	ug/l	97
68) m/p-Xylenes	10.299	106	46163	40.942	ug/l	96
69) o-Xylene	10.640	106	23142	20.208	ug/l	99
70) Styrene	10.659	104	37640	20.212	ug/l	99
71) Bromoform	10.799	173	8949	17.403	ug/l #	99
73) Isopropylbenzene	10.964	105	59491	19.920	ug/l	97
74) N-amyl acetate	10.842	43	32289	21.748	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	22718	21.168	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	20502m	20.121	ug/l	
77) Bromobenzene	11.201	156	13049	19.163	ug/l	89
78) n-propylbenzene	11.305	91	70403	20.088	ug/l	97
79) 2-Chlorotoluene	11.366	91	41313	19.265	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	49690	19.860	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5886	15.984	ug/l	90
82) 4-Chlorotoluene	11.457	91	47895	19.485	ug/l	96
83) tert-Butylbenzene	11.713	119	47878	19.126	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	49454	19.886	ug/l	97
85) sec-Butylbenzene	11.890	105	61449	19.603	ug/l	97
86) p-Isopropyltoluene	12.012	119	49729	19.469	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	25045	19.292	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	26317	19.723	ug/l	98
89) n-Butylbenzene	12.335	91	45006	19.870	ug/l	96
90) Hexachloroethane	12.543	117	9459	18.543	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	25444	19.250	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4988	19.042	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	14070	19.659	ug/l	99
94) Hexachlorobutadiene	13.725	225	4995	17.879	ug/l	97
95) Naphthalene	13.774	128	57385	19.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	14537	18.967	ug/l	98

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

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