

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031461.D
 Acq On : 19 Sep 2022 15:31
 Operator : JC/MD
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Quant Time: Sep 20 09:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	52223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48254	50.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	40004	48.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.480%			
50) Toluene-d8	8.647	98	150644	47.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.280%			
62) 4-Bromofluorobenzene	11.079	95	49446	46.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16825	22.408	ug/l	93
3) Chloromethane	1.288	50	19178	19.253	ug/l	96
4) Vinyl Chloride	1.368	62	22118	19.473	ug/l	98
5) Bromomethane	1.611	94	37106	22.943	ug/l	98
6) Chloroethane	1.685	64	21192	19.745	ug/l	95
7) Trichlorofluoromethane	1.886	101	48550	18.844	ug/l	100
8) Diethyl Ether	2.136	74	16319	18.391	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	15324	18.224	ug/l	90
10) Methyl Iodide	2.453	142	12760	15.684	ug/l	98
11) Tert butyl alcohol	2.983	59	22301	89.746	ug/l	100
12) 1,1-Dichloroethene	2.319	96	14921	18.356	ug/l	88
13) Acrolein	2.239	56	9067	79.306	ug/l	94
14) Allyl chloride	2.666	41	22832	17.224	ug/l	94
15) Acrylonitrile	3.068	53	45718	90.710	ug/l	99
16) Acetone	2.386	43	39500	95.860	ug/l	97
17) Carbon Disulfide	2.508	76	38303	17.488	ug/l	98
18) Methyl Acetate	2.709	43	25030	17.489	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	51285	17.444	ug/l	96
20) Methylene Chloride	2.788	84	17127	18.547	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	16089	17.528	ug/l	91
22) Diisopropyl ether	3.763	45	49484	17.238	ug/l	94
23) Vinyl Acetate	3.721	43	216493	88.188	ug/l	96
24) 1,1-Dichloroethane	3.605	63	28935	17.837	ug/l	99
25) 2-Butanone	4.562	43	64902	87.776	ug/l	96
26) 2,2-Dichloropropane	4.477	77	25410	17.733	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	18784	16.979	ug/l	93
28) Bromochloromethane	4.904	49	13517	20.858	ug/l	94
29) Tetrahydrofuran	5.013	42	42061	87.227	ug/l	96
30) Chloroform	5.093	83	32137	18.063	ug/l	95
31) Cyclohexane	5.477	56	24785	17.448	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	28050	17.358	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23214	18.399	ug/l	96
37) Ethyl Acetate	4.721	43	25459	16.914	ug/l	96
38) Carbon Tetrachloride	5.678	117	25275	18.072	ug/l	96
39) Methylcyclohexane	7.379	83	28344	18.258	ug/l	89
40) Benzene	6.044	78	67648	17.972	ug/l	100

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41) Methacrylonitrile	4.916	41	13578	18.118	ug/l	98
42) 1,2-Dichloroethane	6.092	62	25022	18.035	ug/l	97
43) Isopropyl Acetate	6.342	43	41713	18.031	ug/l	98
44) Trichloroethene	7.123	130	18874	17.685	ug/l	89
45) 1,2-Dichloropropane	7.427	63	17097	18.069	ug/l	89
46) Dibromomethane	7.586	93	12958	17.791	ug/l	93
47) Bromodichloromethane	7.824	83	23905	17.457	ug/l	97
48) Methyl methacrylate	7.696	41	18584	17.583	ug/l	94
49) 1,4-Dioxane	7.677	88	9267	383.940	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	136376	91.652	ug/l	99
52) Toluene	8.720	92	45250	18.432	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	24082	16.995	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26776	17.278	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	18180	17.973	ug/l	96
56) Ethyl methacrylate	9.116	69	25778	17.918	ug/l	94
57) 1,3-Dichloropropane	9.311	76	29635	17.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	53678	90.142	ug/l	95
59) 2-Hexanone	9.433	43	102546	91.763	ug/l	100
60) Dibromochloromethane	9.525	129	19101	17.782	ug/l	95
61) 1,2-Dibromoethane	9.610	107	19291	17.702	ug/l	100
64) Tetrachloroethene	9.275	164	18412	17.370	ug/l	91
65) Chlorobenzene	10.079	112	48619	17.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17392	17.713	ug/l	98
67) Ethyl Benzene	10.195	91	85600	17.815	ug/l	98
68) m/p-Xylenes	10.305	106	66711	34.549	ug/l	99
69) o-Xylene	10.640	106	32826	17.811	ug/l	93
70) Styrene	10.659	104	51663	17.025	ug/l	97
71) Bromoform	10.799	173	12659	16.114	ug/l #	98
73) Isopropylbenzene	10.963	105	84199	18.262	ug/l	98
74) N-amyl acetate	10.841	43	34782	18.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28691	20.679	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25407m	18.437	ug/l	
77) Bromobenzene	11.201	156	20409	17.960	ug/l	91
78) n-propylbenzene	11.305	91	99687	18.793	ug/l	99
79) 2-Chlorotoluene	11.366	91	56088	17.764	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	72116	18.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7584	17.721	ug/l	91
82) 4-Chlorotoluene	11.457	91	66666	17.992	ug/l	98
83) tert-Butylbenzene	11.713	119	71526	18.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	70956	18.413	ug/l	98
85) sec-Butylbenzene	11.890	105	88560	18.452	ug/l	100
86) p-Isopropyltoluene	12.012	119	75359	18.595	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39764	18.257	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40820	17.968	ug/l	98
89) n-Butylbenzene	12.335	91	64290	18.623	ug/l	98
90) Hexachloroethane	12.542	117	12738	18.292	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	39920	18.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5853	18.475	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	23409	19.369	ug/l	95
94) Hexachlorobutadiene	13.725	225	9153	19.213	ug/l	98
95) Naphthalene	13.774	128	83592	18.886	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24174	19.407	ug/l	96

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

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