

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032618.D
 Acq On : 07 Nov 2022 11:41
 Operator : JC/MD
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Quant Time: Nov 08 03:10:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	107983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77871	51.900	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.800%			
35) Dibromofluoromethane	5.385	113	60908	50.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	205740	49.414	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	81275	49.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24049	19.310	ug/l	97
3) Chloromethane	1.294	50	20011	18.999	ug/l	99
4) Vinyl Chloride	1.374	62	22583	19.482	ug/l	100
5) Bromomethane	1.611	94	21236	22.925	ug/l	98
6) Chloroethane	1.685	64	15279	19.648	ug/l	98
7) Trichlorofluoromethane	1.886	101	43585	19.844	ug/l	98
8) Diethyl Ether	2.136	74	14198	19.948	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23050	19.884	ug/l	99
10) Methyl Iodide	2.453	142	20907	17.509	ug/l	97
11) Tert butyl alcohol	2.971	59	21250	97.307	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21003	19.395	ug/l	98
13) Acrolein	2.239	56	24576	112.728	ug/l	97
14) Allyl chloride	2.666	41	34817	20.169	ug/l	99
15) Acrylonitrile	3.062	53	58784	99.185	ug/l	99
16) Acetone	2.380	43	54796	100.483	ug/l	98
17) Carbon Disulfide	2.514	76	44931	17.419	ug/l	100
18) Methyl Acetate	2.703	43	38144	21.510	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	76907	20.206	ug/l	100
20) Methylene Chloride	2.788	84	25128	20.097	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	22607	19.179	ug/l	96
22) Diisopropyl ether	3.763	45	74359	19.915	ug/l	93
23) Vinyl Acetate	3.721	43	297196	98.517	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42865	19.958	ug/l	98
25) 2-Butanone	4.562	43	81134	96.032	ug/l	98
26) 2,2-Dichloropropane	4.477	77	36571	21.421	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	27543	20.215	ug/l	99
28) Bromochloromethane	4.897	49	14088	18.415	ug/l	98
29) Tetrahydrofuran	5.007	42	51350	95.316	ug/l	100
30) Chloroform	5.092	83	48041	20.385	ug/l	99
31) Cyclohexane	5.470	56	34972	19.224	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	43105	20.382	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32725	19.626	ug/l	99
37) Ethyl Acetate	4.715	43	33438	19.266	ug/l	99
38) Carbon Tetrachloride	5.678	117	37758	20.416	ug/l	96
39) Methylcyclohexane	7.385	83	37243	18.878	ug/l	97
40) Benzene	6.037	78	94541	20.036	ug/l	100

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41) Methacrylonitrile	4.922	41	17769	20.097	ug/l	98
42) 1,2-Dichloroethane	6.086	62	40525	21.010	ug/l	100
43) Isopropyl Acetate	6.342	43	54599	20.488	ug/l	98
44) Trichloroethene	7.129	130	26552	19.989	ug/l	97
45) 1,2-Dichloropropane	7.434	63	24627	20.332	ug/l	93
46) Dibromomethane	7.586	93	18856	20.299	ug/l	98
47) Bromodichloromethane	7.824	83	36175	20.547	ug/l	98
48) Methyl methacrylate	7.696	41	27689	20.118	ug/l	98
49) 1,4-Dioxane	7.677	88	10131	386.246	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	172744	102.911	ug/l	99
52) Toluene	8.720	92	61714	20.047	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36634	20.394	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	39251	20.429	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25874	19.957	ug/l	98
56) Ethyl methacrylate	9.116	69	37968	20.350	ug/l	97
57) 1,3-Dichloropropane	9.311	76	42464	20.282	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	95309	106.090	ug/l	100
59) 2-Hexanone	9.433	43	128326	103.030	ug/l	99
60) Dibromochloromethane	9.525	129	28505	20.129	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27369	19.923	ug/l	99
64) Tetrachloroethene	9.275	164	22673	20.367	ug/l	96
65) Chlorobenzene	10.079	112	69166	20.301	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26780	20.885	ug/l	99
67) Ethyl Benzene	10.195	91	124412	20.420	ug/l	98
68) m/p-Xylenes	10.305	106	93919	39.699	ug/l	99
69) o-Xylene	10.640	106	46592	20.256	ug/l	99
70) Styrene	10.659	104	76896	20.115	ug/l	100
71) Bromoform	10.799	173	20513	20.233	ug/l #	100
73) Isopropylbenzene	10.963	105	125770	20.257	ug/l	100
74) N-amyl acetate	10.841	43	47593	20.288	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40299	20.221	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37424m	21.470	ug/l	
77) Bromobenzene	11.201	156	31117	20.443	ug/l	99
78) n-propylbenzene	11.305	91	142247	19.886	ug/l	100
79) 2-Chlorotoluene	11.366	91	86945	20.296	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	108672	20.480	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10598	19.346	ug/l	94
82) 4-Chlorotoluene	11.457	91	101286	20.206	ug/l	99
83) tert-Butylbenzene	11.713	119	109273	20.627	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	106018	20.088	ug/l	99
85) sec-Butylbenzene	11.890	105	127313	19.972	ug/l	99
86) p-Isopropyltoluene	12.012	119	108915	20.136	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57667	20.084	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	59271	19.898	ug/l	98
89) n-Butylbenzene	12.335	91	91138	19.368	ug/l	99
90) Hexachloroethane	12.536	117	17860	20.215	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	58703	20.735	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8985	20.563	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	35559	19.263	ug/l	100
94) Hexachlorobutadiene	13.725	225	14910	19.340	ug/l	99
95) Naphthalene	13.774	128	121728	19.790	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36777	19.599	ug/l	99

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

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