

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036277.D
 Acq On : 21 Jun 2023 17:42
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Quant Time: Jun 22 05:03:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114697	50.532	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.060%			
35) Dibromofluoromethane	5.385	113	81801	51.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	307301	52.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.460%			
62) 4-Bromofluorobenzene	11.079	95	111704	47.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26256	17.222	ug/l	99
3) Chloromethane	1.295	50	33332	20.664	ug/l	99
4) Vinyl Chloride	1.374	62	31390	20.428	ug/l	98
5) Bromomethane	1.618	94	23264	24.629	ug/l	93
6) Chloroethane	1.691	64	24951	25.095	ug/l	97
7) Trichlorofluoromethane	1.886	101	47606	19.143	ug/l	99
8) Diethyl Ether	2.130	74	20504	22.152	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	27178	19.164	ug/l	98
10) Methyl Iodide	2.453	142	32275	22.072	ug/l	92
11) Tert butyl alcohol	2.996	59	41405	119.322	ug/l	97
12) 1,1-Dichloroethene	2.319	96	27755	20.697	ug/l	96
13) Acrolein	2.240	56	34317	89.054	ug/l	100
14) Allyl chloride	2.666	41	60082	22.142	ug/l	96
15) Acrylonitrile	3.069	53	109773	123.664	ug/l	99
16) Acetone	2.392	43	99779	105.808	ug/l	98
17) Carbon Disulfide	2.514	76	63092	19.034	ug/l	99
18) Methyl Acetate	2.703	43	86363	24.147	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	116486	22.189	ug/l	98
20) Methylene Chloride	2.788	84	36784	21.529	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	31823	21.358	ug/l	99
22) Diisopropyl ether	3.758	45	129246	23.936	ug/l	97
23) Vinyl Acetate	3.721	43	453219	118.429	ug/l	99
24) 1,1-Dichloroethane	3.611	63	66994	22.456	ug/l	98
25) 2-Butanone	4.562	43	153209	116.049	ug/l	100
26) 2,2-Dichloropropane	4.477	77	41575	17.921	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	37112	21.782	ug/l	96
28) Bromochloromethane	4.898	49	39891	25.650	ug/l	92
29) Tetrahydrofuran	5.007	42	103737	123.721	ug/l	95
30) Chloroform	5.093	83	63678	20.267	ug/l	97
31) Cyclohexane	5.465	56	47801	19.631	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	49180	18.462	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43132	18.379	ug/l	99
37) Ethyl Acetate	4.709	43	59383	21.718	ug/l	97
38) Carbon Tetrachloride	5.672	117	36721	16.096	ug/l	90
39) Methylcyclohexane	7.379	83	44995	17.802	ug/l	96
40) Benzene	6.038	78	131412	19.912	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31720	21.042	ug/l	97
42) 1,2-Dichloroethane	6.086	62	52889	17.789	ug/l	99
43) Isopropyl Acetate	6.336	43	88016	21.034	ug/l	98
44) Trichloroethene	7.129	130	29732	18.028	ug/l	97
45) 1,2-Dichloropropane	7.428	63	34980	19.936	ug/l	100
46) Dibromomethane	7.580	93	23518	18.815	ug/l	97
47) Bromodichloromethane	7.824	83	41347	17.231	ug/l	99
48) Methyl methacrylate	7.696	41	41104	19.146	ug/l	97
49) 1,4-Dioxane	7.696	88	17130	476.563	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	289578	109.597	ug/l	97
52) Toluene	8.720	92	80480	19.477	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	46302	18.733	ug/l	98
54) cis-1,3-Dichloropropene	8.367	75	48735	18.387	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	34645	20.310	ug/l	94
56) Ethyl methacrylate	9.116	69	53247	20.664	ug/l	94
57) 1,3-Dichloropropane	9.305	76	62273	20.521	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	150887	106.239	ug/l	95
59) 2-Hexanone	9.427	43	229971	117.074	ug/l	98
60) Dibromochloromethane	9.519	129	27674	16.622	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35055	19.709	ug/l	99
64) Tetrachloroethene	9.275	164	25908	19.586	ug/l	98
65) Chlorobenzene	10.080	112	84151	19.101	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27226	17.908	ug/l	97
67) Ethyl Benzene	10.195	91	153973	19.569	ug/l	97
68) m/p-Xylenes	10.299	106	118179	39.810	ug/l	98
69) o-Xylene	10.640	106	58350	19.923	ug/l	97
70) Styrene	10.653	104	95698	19.610	ug/l	98
71) Bromoform	10.799	173	15798	15.093	ug/l #	100
73) Isopropylbenzene	10.964	105	144978	18.445	ug/l	98
74) N-amyl acetate	10.842	43	73828	20.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	54366	20.201	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45085m	17.934	ug/l	
77) Bromobenzene	11.195	156	33019	17.931	ug/l	96
78) n-propylbenzene	11.305	91	175945	19.029	ug/l	97
79) 2-Chlorotoluene	11.366	91	103654	17.823	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	121260	18.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11309	15.746	ug/l	85
82) 4-Chlorotoluene	11.451	91	122716	18.110	ug/l	99
83) tert-Butylbenzene	11.713	119	116717	18.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	126649	18.972	ug/l	98
85) sec-Butylbenzene	11.890	105	149286	18.843	ug/l	100
86) p-Isopropyltoluene	12.006	119	130025	19.507	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	62563	17.815	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	67405	18.738	ug/l	99
89) n-Butylbenzene	12.329	91	111312	18.713	ug/l	97
90) Hexachloroethane	12.536	117	16481	15.763	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	65097	18.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9888	16.657	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	35439	18.138	ug/l	98
94) Hexachlorobutadiene	13.725	225	11540	14.941	ug/l	99
95) Naphthalene	13.774	128	135753	20.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	35986	18.367	ug/l	97

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

