

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036298.D
 Acq On : 23 Jun 2023 18:33
 Operator : JC/MD
 Sample : VX0623WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBSD01

Quant Time: Jun 24 04:12:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151920	59.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.060%#			
35) Dibromofluoromethane	5.385	113	115521	52.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	419173	51.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	156476	54.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	29177	17.165	ug/l	97
3) Chloromethane	1.295	50	53181	18.036	ug/l	100
4) Vinyl Chloride	1.374	62	54911	17.034	ug/l	98
5) Bromomethane	1.618	94	42059	17.831	ug/l	99
6) Chloroethane	1.691	64	40645	17.175	ug/l	92
7) Trichlorofluoromethane	1.892	101	84018	17.143	ug/l	98
8) Diethyl Ether	2.136	74	41073	21.710	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	36540	17.765	ug/l	96
10) Methyl Iodide	2.453	142	45239	18.151	ug/l	95
11) Tert butyl alcohol	3.020	59	51468	109.865	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35138	17.221	ug/l	94
13) Acrolein	2.239	56	67725	105.266	ug/l	99
14) Allyl chloride	2.666	41	65529	19.762	ug/l	98
15) Acrylonitrile	3.069	53	130545	109.940	ug/l	99
16) Acetone	2.404	43	111750	101.589	ug/l	94
17) Carbon Disulfide	2.514	76	79405	15.845	ug/l	99
18) Methyl Acetate	2.709	43	99884	22.081	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	147192	22.322	ug/l	99
20) Methylene Chloride	2.788	84	47540	20.072	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	40118	18.425	ug/l	90
22) Diisopropyl ether	3.757	45	147247	22.161	ug/l	99
23) Vinyl Acetate	3.721	43	528534	109.611	ug/l	99
24) 1,1-Dichloroethane	3.605	63	80096	20.454	ug/l	97
25) 2-Butanone	4.574	43	179023	113.269	ug/l	97
26) 2,2-Dichloropropane	4.471	77	50726	18.265	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	50224	20.568	ug/l	91
28) Bromochloromethane	4.898	49	44604	21.963	ug/l	94
29) Tetrahydrofuran	5.013	42	116084	115.363	ug/l	96
30) Chloroform	5.099	83	82389	20.889	ug/l	100
31) Cyclohexane	5.471	56	61828	18.747	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	64226	19.495	ug/l	98
36) 1,1-Dichloropropene	5.696	75	54948	16.821	ug/l	98
37) Ethyl Acetate	4.721	43	71467	21.465	ug/l	99
38) Carbon Tetrachloride	5.678	117	51462	17.249	ug/l	97
39) Methylcyclohexane	7.379	83	65686	16.788	ug/l	94
40) Benzene	6.038	78	173844	19.051	ug/l	99

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41) Methacrylonitrile	4.928	41	37671	20.396	ug/l	93
42) 1,2-Dichloroethane	6.086	62	71426	20.579	ug/l	99
43) Isopropyl Acetate	6.336	43	111440	20.982	ug/l	99
44) Trichloroethene	7.129	130	43977	17.326	ug/l	93
45) 1,2-Dichloropropane	7.428	63	49858	20.061	ug/l	99
46) Dibromomethane	7.580	93	35732	20.425	ug/l	95
47) Bromodichloromethane	7.824	83	61189	19.341	ug/l	95
48) Methyl methacrylate	7.690	41	55974	21.136	ug/l	94
49) 1,4-Dioxane	7.732	88	24241	412.909	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	369295	107.921	ug/l	98
52) Toluene	8.720	92	107945	18.666	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	63263	19.796	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	70159	19.421	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	49566	20.623	ug/l	99
56) Ethyl methacrylate	9.116	69	74186	20.636	ug/l	98
57) 1,3-Dichloropropane	9.311	76	83944	20.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	220366	109.076	ug/l	98
59) 2-Hexanone	9.427	43	277361	110.996	ug/l	98
60) Dibromochloromethane	9.519	129	44971	19.258	ug/l	98
61) 1,2-Dibromoethane	9.610	107	51454	20.173	ug/l	99
64) Tetrachloroethene	9.275	164	38158	17.580	ug/l	92
65) Chlorobenzene	10.080	112	121227	18.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42630	19.517	ug/l	100
67) Ethyl Benzene	10.195	91	210847	18.353	ug/l	99
68) m/p-Xylenes	10.299	106	159904	35.825	ug/l	99
69) o-Xylene	10.640	106	80086	18.580	ug/l	99
70) Styrene	10.653	104	134827	19.104	ug/l	97
71) Bromoform	10.799	173	29165	18.615	ug/l #	95
73) Isopropylbenzene	10.964	105	200730	17.884	ug/l	97
74) N-amyl acetate	10.842	43	94834	21.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	77286	20.333	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62902m	19.800	ug/l	
77) Bromobenzene	11.195	156	51086	18.510	ug/l	94
78) n-propylbenzene	11.305	91	234118	17.860	ug/l	99
79) 2-Chlorotoluene	11.366	91	141369	18.129	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	172260	18.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17042	17.486	ug/l	93
82) 4-Chlorotoluene	11.451	91	164962	18.171	ug/l	99
83) tert-Butylbenzene	11.713	119	162250	17.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	174570	18.563	ug/l	97
85) sec-Butylbenzene	11.890	105	204154	17.690	ug/l	99
86) p-Isopropyltoluene	12.006	119	174753	18.043	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	94502	18.624	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	94744	18.336	ug/l	98
89) n-Butylbenzene	12.329	91	151793	17.610	ug/l	98
90) Hexachloroethane	12.536	117	24700	16.838	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	97413	19.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15131	20.958	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	62227	20.220	ug/l	96
94) Hexachlorobutadiene	13.725	225	21324	16.918	ug/l	98
95) Naphthalene	13.774	128	215688	21.214	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61993	20.650	ug/l	98

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

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