

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036293.D
 Acq On : 23 Jun 2023 16:22
 Operator : JC/MD
 Sample : VX0623WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBS01

Quant Time: Jun 23 16:47:12 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	5.556	168	228981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170720	52.013	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.020%			
35) Dibromofluoromethane	5.385	113	133781	51.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.647	98	509962	52.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.540%			
62) 4-Bromofluorobenzene	11.079	95	182840	53.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40826	18.833	ug/l	96
3) Chloromethane	1.294	50	72681	19.327	ug/l	96
4) Vinyl Chloride	1.374	62	77598	18.874	ug/l	98
5) Bromomethane	1.617	94	58756	19.531	ug/l	99
6) Chloroethane	1.691	64	56069	18.577	ug/l	96
7) Trichlorofluoromethane	1.892	101	113226	18.115	ug/l	98
8) Diethyl Ether	2.136	74	46690	19.350	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	50977	19.432	ug/l	97
10) Methyl Iodide	2.453	142	57516	18.094	ug/l	94
11) Tert butyl alcohol	2.995	59	54306	90.894	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	47760	18.353	ug/l	97
13) Acrolein	2.239	56	75333	91.809	ug/l	99
14) Allyl chloride	2.666	41	79255	18.740	ug/l	96
15) Acrylonitrile	3.062	53	148847	98.287	ug/l	99
16) Acetone	2.386	43	133323	95.031	ug/l	93
17) Carbon Disulfide	2.514	76	112697	17.633	ug/l	98
18) Methyl Acetate	2.703	43	113787	19.723	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	165201	19.644	ug/l	99
20) Methylene Chloride	2.788	84	54564	18.063	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51365	18.497	ug/l	92
22) Diisopropyl ether	3.757	45	169755	20.032	ug/l	93
23) Vinyl Acetate	3.721	43	606673	98.650	ug/l	99
24) 1,1-Dichloroethane	3.611	63	96082	19.239	ug/l	99
25) 2-Butanone	4.562	43	204437	101.420	ug/l	96
26) 2,2-Dichloropropane	4.477	77	68882	19.447	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59071	18.968	ug/l	93
28) Bromochloromethane	4.891	49	50761	19.598	ug/l	93
29) Tetrahydrofuran	5.007	42	128740	100.315	ug/l	95
30) Chloroform	5.092	83	97054	19.294	ug/l	94
31) Cyclohexane	5.470	56	81841	19.457	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	81779	19.463	ug/l	100
36) 1,1-Dichloropropene	5.690	75	71824	18.447	ug/l	98
37) Ethyl Acetate	4.714	43	76692	19.326	ug/l	98
38) Carbon Tetrachloride	5.678	117	68651	19.306	ug/l	96
39) Methylcyclohexane	7.379	83	89017	19.088	ug/l	95
40) Benzene	6.037	78	210746	19.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42414	19.267	ug/l	95
42) 1,2-Dichloroethane	6.086	62	80689	19.505	ug/l	99
43) Isopropyl Acetate	6.336	43	121654	19.217	ug/l	97
44) Trichloroethene	7.122	130	54622	18.056	ug/l	96
45) 1,2-Dichloropropane	7.433	63	57623	19.453	ug/l	98
46) Dibromomethane	7.580	93	39201	18.800	ug/l	94
47) Bromodichloromethane	7.824	83	71269	18.901	ug/l	99
48) Methyl methacrylate	7.696	41	62400	19.769	ug/l	94
49) 1,4-Dioxane	7.696	88	26761	382.446	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	413555	101.398	ug/l	99
52) Toluene	8.720	92	132129	19.169	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	72930	19.147	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83015	19.280	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55775	19.470	ug/l	92
56) Ethyl methacrylate	9.116	69	84651	19.756	ug/l	95
57) 1,3-Dichloropropane	9.311	76	94552	19.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246861	102.518	ug/l	99
59) 2-Hexanone	9.427	43	314680	105.656	ug/l	99
60) Dibromochloromethane	9.518	129	51990	18.680	ug/l	100
61) 1,2-Dibromoethane	9.610	107	58153	19.129	ug/l	100
64) Tetrachloroethene	9.275	164	47937	18.924	ug/l	99
65) Chlorobenzene	10.079	112	146652	19.446	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	49595	19.456	ug/l	98
67) Ethyl Benzene	10.195	91	260264	19.412	ug/l	99
68) m/p-Xylenes	10.299	106	200666	38.524	ug/l	97
69) o-Xylene	10.640	106	96698	19.224	ug/l	99
70) Styrene	10.652	104	158466	19.241	ug/l	97
71) Bromoform	10.799	173	34944	19.112	ug/l #	100
73) Isopropylbenzene	10.963	105	256272	19.543	ug/l	99
74) N-amyl acetate	10.841	43	105741	20.386	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87972	19.811	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79011m	21.287	ug/l	
77) Bromobenzene	11.195	156	60618	18.800	ug/l	93
78) n-propylbenzene	11.305	91	296055	19.332	ug/l	99
79) 2-Chlorotoluene	11.366	91	173679	19.064	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	215366	19.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21381	18.778	ug/l	99
82) 4-Chlorotoluene	11.451	91	202620	19.104	ug/l	97
83) tert-Butylbenzene	11.713	119	201965	18.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	216285	19.686	ug/l	98
85) sec-Butylbenzene	11.890	105	262999	19.506	ug/l	99
86) p-Isopropyltoluene	12.012	119	220928	19.524	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111852	18.867	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114487	18.966	ug/l	98
89) n-Butylbenzene	12.329	91	193694	19.234	ug/l	98
90) Hexachloroethane	12.536	117	30931	18.048	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	111995	19.186	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17601	20.867	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	67138	18.673	ug/l	98
94) Hexachlorobutadiene	13.725	225	28049	19.048	ug/l	98
95) Naphthalene	13.774	128	230070	19.369	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66659	19.006	ug/l	98

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

