

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036384.D
 Acq On : 30 Jun 2023 11:02
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Quant Time: Jul 01 01:17:12 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 07/06/2023
 Supervised By : Mahesh Dadoda 07/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149561	50.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.020%			
35) Dibromofluoromethane	5.391	113	123187	53.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.647	98	438348	50.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.079	95	158112	51.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	33218	16.985	ug/l	98
3) Chloromethane	1.301	50	49848	14.693	ug/l	96
4) Vinyl Chloride	1.374	62	55659	15.006	ug/l	98
5) Bromomethane	1.618	94	41327	15.227	ug/l	97
6) Chloroethane	1.697	64	43793	16.083	ug/l	96
7) Trichlorofluoromethane	1.892	101	93402	16.564	ug/l	99
8) Diethyl Ether	2.136	74	37025	17.009	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	43125	18.222	ug/l	96
10) Methyl Iodide	2.459	142	50538	17.624	ug/l	92
11) Tert butyl alcohol	3.008	59	58074	107.742	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	40763	17.363	ug/l	90
13) Acrolein	2.245	56	58528	79.065	ug/l	99
14) Allyl chloride	2.666	41	72197	18.923	ug/l	97
15) Acrylonitrile	3.075	53	128006	93.693	ug/l	99
16) Acetone	2.398	43	116010	91.659	ug/l	96
17) Carbon Disulfide	2.514	76	90349	15.670	ug/l	100
18) Methyl Acetate	2.709	43	97118	18.660	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	150618	19.852	ug/l	98
20) Methylene Chloride	2.794	84	48555	17.817	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43652	17.424	ug/l	89
22) Diisopropyl ether	3.763	45	151361	19.799	ug/l	86
23) Vinyl Acetate	3.721	43	542022	97.697	ug/l	97
24) 1,1-Dichloroethane	3.611	63	85265	18.925	ug/l	99
25) 2-Butanone	4.568	43	173428	95.368	ug/l	93
26) 2,2-Dichloropropane	4.483	77	69544	21.763	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	53706	19.115	ug/l	93
28) Bromochloromethane	4.904	49	45548	19.493	ug/l	90
29) Tetrahydrofuran	5.019	42	109830	94.863	ug/l	94
30) Chloroform	5.093	83	90110	19.857	ug/l	99
31) Cyclohexane	5.470	56	67224	17.716	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	74952	19.773	ug/l	100
36) 1,1-Dichloropropene	5.696	75	61378	17.759	ug/l	97
37) Ethyl Acetate	4.715	43	68586	19.471	ug/l	98
38) Carbon Tetrachloride	5.684	117	63056	19.976	ug/l	94
39) Methylcyclohexane	7.385	83	70394	17.005	ug/l	90
40) Benzene	6.044	78	183905	19.048	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36545	18.702	ug/l	90
42) 1,2-Dichloroethane	6.086	62	73748	20.083	ug/l	99
43) Isopropyl Acetate	6.336	43	111703	19.878	ug/l	97
44) Trichloroethene	7.129	130	49792	18.542	ug/l	98
45) 1,2-Dichloropropane	7.427	63	51198	19.471	ug/l	99
46) Dibromomethane	7.580	93	35203	19.019	ug/l	92
47) Bromodichloromethane	7.824	83	67011	20.020	ug/l	99
48) Methyl methacrylate	7.690	41	54783	19.552	ug/l	91
49) 1,4-Dioxane	7.720	88	25413	409.139	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	356516	98.474	ug/l	98
52) Toluene	8.720	92	114300	18.681	ug/l	90
53) t-1,3-Dichloropropene	8.976	75	71151	21.044	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	77485	20.273	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	49652	19.526	ug/l	94
56) Ethyl methacrylate	9.116	69	76446	20.099	ug/l	94
57) 1,3-Dichloropropane	9.305	76	83971	19.268	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	213557	99.910	ug/l	99
59) 2-Hexanone	9.433	43	265268	100.336	ug/l	98
60) Dibromochloromethane	9.519	129	50628	20.492	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52729	19.540	ug/l	98
64) Tetrachloroethene	9.275	164	43898	19.710	ug/l	96
65) Chlorobenzene	10.079	112	127869	19.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48380	21.586	ug/l	99
67) Ethyl Benzene	10.195	91	224840	19.073	ug/l	97
68) m/p-Xylenes	10.299	106	171788	37.509	ug/l	98
69) o-Xylene	10.640	106	85936	19.430	ug/l	98
70) Styrene	10.652	104	138440	19.118	ug/l	97
71) Bromoform	10.799	173	34846	21.676	ug/l #	98
73) Isopropylbenzene	10.963	105	221245	19.512	ug/l	97
74) N-amyl acetate	10.841	43	94248	21.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	77262	20.122	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	62451m	19.459	ug/l	
77) Bromobenzene	11.195	156	53589	19.221	ug/l	93
78) n-propylbenzene	11.305	91	253992	19.181	ug/l	99
79) 2-Chlorotoluene	11.366	91	154291	19.587	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	186428	19.415	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19778	20.089	ug/l	96
82) 4-Chlorotoluene	11.451	91	173803	18.951	ug/l	96
83) tert-Butylbenzene	11.713	119	179386	19.493	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	186282	19.609	ug/l	97
85) sec-Butylbenzene	11.890	105	223711	19.189	ug/l	100
86) p-Isopropyltoluene	12.006	119	189109	19.328	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101064	19.716	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	102362	19.611	ug/l	99
89) n-Butylbenzene	12.329	91	163437	18.770	ug/l	97
90) Hexachloroethane	12.536	117	30179	20.365	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	100892	19.989	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15903	21.805	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	62527	20.112	ug/l	97
94) Hexachlorobutadiene	13.725	225	23826	18.712	ug/l	98
95) Naphthalene	13.774	128	218591	21.283	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63888	21.067	ug/l	97

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

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