

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036477.D
 Acq On : 10 Jul 2023 12:59
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Quant Time: Jul 11 01:26:32 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 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	185641	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	310206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122515	46.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.080%		
35) Dibromofluoromethane	5.385	113	101145	49.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.900%		
50) Toluene-d8	8.647	98	365534	47.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	136829	50.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	34101	19.403	ug/l	97
3) Chloromethane	1.294	50	44564	14.617	ug/l	99
4) Vinyl Chloride	1.374	62	63136	18.942	ug/l	97
5) Bromomethane	1.611	94	47613	19.522	ug/l	100
6) Chloroethane	1.685	64	34439	14.074	ug/l	98
7) Trichlorofluoromethane	1.886	101	86951	17.159	ug/l	99
8) Diethyl Ether	2.130	74	31810	16.261	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	41488	19.507	ug/l	96
10) Methyl Iodide	2.453	142	42979	16.678	ug/l	94
11) Tert butyl alcohol	2.971	59	48577	100.286	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	39210	18.585	ug/l	90
13) Acrolein	2.239	56	28375	42.654	ug/l	98
14) Allyl chloride	2.666	41	64274	18.746	ug/l	97
15) Acrylonitrile	3.062	53	113404	92.366	ug/l	99
16) Acetone	2.380	43	110956	97.552	ug/l	96
17) Carbon Disulfide	2.514	76	88645	17.108	ug/l	99
18) Methyl Acetate	2.703	43	88854	18.997	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	133116	19.524	ug/l	99
20) Methylene Chloride	2.788	84	44687	18.247	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	39466	17.530	ug/l	95
22) Diisopropyl ether	3.757	45	134660	19.601	ug/l	88
23) Vinyl Acetate	3.721	43	485946	97.467	ug/l	97
24) 1,1-Dichloroethane	3.611	63	78009	19.267	ug/l	100
25) 2-Butanone	4.556	43	158371	96.909	ug/l	96
26) 2,2-Dichloropropane	4.471	77	64605	22.498	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	47864	18.957	ug/l	94
28) Bromochloromethane	4.897	49	39325	18.727	ug/l	92
29) Tetrahydrofuran	5.001	42	99472	95.605	ug/l	93
30) Chloroform	5.086	83	79517	19.499	ug/l	98
31) Cyclohexane	5.464	56	67070	19.668	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	68436	20.090	ug/l	98
36) 1,1-Dichloropropene	5.690	75	59023	19.358	ug/l	98
37) Ethyl Acetate	4.708	43	59121	19.025	ug/l	98
38) Carbon Tetrachloride	5.678	117	58555	21.027	ug/l	99
39) Methylcyclohexane	7.379	83	72120	19.749	ug/l	92
40) Benzene	6.037	78	170705	20.042	ug/l	99

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41) Methacrylonitrile	4.922	41	32663	18.947	ug/l	93
42) 1,2-Dichloroethane	6.080	62	65163	20.115	ug/l	98
43) Isopropyl Acetate	6.336	43	101192	20.413	ug/l	97
44) Trichloroethene	7.129	130	46364	19.571	ug/l	94
45) 1,2-Dichloropropane	7.427	63	43434	18.724	ug/l	98
46) Dibromomethane	7.580	93	31622	19.366	ug/l	95
47) Bromodichloromethane	7.818	83	59111	20.019	ug/l	99
48) Methyl methacrylate	7.690	41	48775	19.733	ug/l	91
49) 1,4-Dioxane	7.677	88	21672	395.508	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	319340	99.986	ug/l	99
52) Toluene	8.720	92	108002	20.009	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	64117	21.496	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69884	20.726	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	45132	20.119	ug/l	94
56) Ethyl methacrylate	9.116	69	69043	20.577	ug/l	95
57) 1,3-Dichloropropane	9.305	76	76427	19.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	187773	99.579	ug/l	99
59) 2-Hexanone	9.427	43	243996	104.615	ug/l	96
60) Dibromochloromethane	9.519	129	44221	20.289	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46632	19.588	ug/l	100
64) Tetrachloroethene	9.275	164	41753	21.187	ug/l	97
65) Chlorobenzene	10.079	112	117377	20.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42751	21.558	ug/l	99
67) Ethyl Benzene	10.195	91	207661	19.909	ug/l	97
68) m/p-Xylenes	10.299	106	161004	39.731	ug/l	98
69) o-Xylene	10.640	106	79209	20.241	ug/l	97
70) Styrene	10.652	104	128352	20.032	ug/l	97
71) Bromoform	10.799	173	30734	21.607	ug/l #	99
73) Isopropylbenzene	10.963	105	209530	20.101	ug/l	98
74) N-amyl acetate	10.841	43	88247	21.404	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	69632	19.727	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	56842m	19.266	ug/l	
77) Bromobenzene	11.195	156	50063	19.532	ug/l	92
78) n-propylbenzene	11.305	91	243095	19.969	ug/l	99
79) 2-Chlorotoluene	11.366	91	142053	19.616	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	174942	19.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18819	20.793	ug/l	98
82) 4-Chlorotoluene	11.451	91	164240	19.481	ug/l	97
83) tert-Butylbenzene	11.713	119	170671	20.174	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	175911	20.142	ug/l	95
85) sec-Butylbenzene	11.890	105	217470	20.291	ug/l	100
86) p-Isopropyltoluene	12.006	119	181763	20.208	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	93191	19.776	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	95255	19.851	ug/l	99
89) n-Butylbenzene	12.329	91	162142	20.256	ug/l	98
90) Hexachloroethane	12.536	117	27562	20.232	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	93910	20.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13955	20.814	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	58854	20.592	ug/l	97
94) Hexachlorobutadiene	13.725	225	24561	20.983	ug/l	97
95) Naphthalene	13.774	128	198086	20.979	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60949	21.862	ug/l	98

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

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