

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036711.D
 Acq On : 31 Jul 2023 11:33
 Operator : JC/MD
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Quant Time: Aug 01 04:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116156	47.998	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.000%		
35) Dibromofluoromethane	5.385	113	95827	49.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	332832	48.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	125711	48.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35384	16.377	ug/l	97
3) Chloromethane	1.301	50	32662	16.621	ug/l	100
4) Vinyl Chloride	1.374	62	40033	20.009	ug/l	100
5) Bromomethane	1.599	94	29904	25.035	ug/l	99
6) Chloroethane	1.685	64	22902	23.544	ug/l	95
7) Trichlorofluoromethane	1.886	101	60683	19.640	ug/l	97
8) Diethyl Ether	2.130	74	22056	18.451	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	34812	18.754	ug/l	98
10) Methyl Iodide	2.453	142	32380	16.794	ug/l	93
11) Tert butyl alcohol	2.959	59	57347	100.096	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	33370	18.221	ug/l	91
13) Acrolein	2.233	56	31839	97.378	ug/l	100
14) Allyl chloride	2.666	41	61885	17.161	ug/l	95
15) Acrylonitrile	3.062	53	109559	95.090	ug/l	98
16) Acetone	2.380	43	96962	96.556	ug/l #	89
17) Carbon Disulfide	2.508	76	83808	16.581	ug/l	100
18) Methyl Acetate	2.703	43	78483	18.578	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	131937	19.171	ug/l	99
20) Methylene Chloride	2.788	84	39643	17.751	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	36955	18.055	ug/l	89
22) Diisopropyl ether	3.757	45	126342	18.452	ug/l	97
23) Vinyl Acetate	3.721	43	492752	93.816	ug/l	95
24) 1,1-Dichloroethane	3.611	63	71444	18.610	ug/l	98
25) 2-Butanone	4.556	43	153765	94.377	ug/l	93
26) 2,2-Dichloropropane	4.477	77	66489	18.380	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44902	18.470	ug/l	94
28) Bromochloromethane	4.897	49	37848	20.385	ug/l	91
29) Tetrahydrofuran	5.007	42	98388	93.666	ug/l	94
30) Chloroform	5.093	83	75592	19.246	ug/l	99
31) Cyclohexane	5.471	56	57968	17.300	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	67584	18.779	ug/l	98
36) 1,1-Dichloropropene	5.690	75	53244	18.399	ug/l	98
37) Ethyl Acetate	4.715	43	60266	18.400	ug/l	96
38) Carbon Tetrachloride	5.678	117	58757	19.099	ug/l	97
39) Methylcyclohexane	7.379	83	63170	17.555	ug/l	94
40) Benzene	6.037	78	157400	18.695	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31410	17.930	ug/l	91
42) 1,2-Dichloroethane	6.086	62	59331	19.274	ug/l	95
43) Isopropyl Acetate	6.336	43	102698	18.215	ug/l	96
44) Trichloroethene	7.123	130	40985	18.623	ug/l	97
45) 1,2-Dichloropropane	7.427	63	41604	18.508	ug/l	98
46) Dibromomethane	7.580	93	30165	19.174	ug/l	96
47) Bromodichloromethane	7.824	83	60643	18.779	ug/l	96
48) Methyl methacrylate	7.690	41	48449	18.478	ug/l	92
49) 1,4-Dioxane	7.659	88	20881	394.211	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	304922	97.729	ug/l	96
52) Toluene	8.720	92	100115	18.977	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67587	18.518	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70877	18.403	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	42977	19.380	ug/l	98
56) Ethyl methacrylate	9.116	69	68897	19.080	ug/l	94
57) 1,3-Dichloropropane	9.305	76	72378	19.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	169875	95.475	ug/l	98
59) 2-Hexanone	9.427	43	231118	99.809	ug/l	95
60) Dibromochloromethane	9.519	129	47166	19.351	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45063	19.607	ug/l	99
64) Tetrachloroethene	9.275	164	35842	18.951	ug/l	96
65) Chlorobenzene	10.079	112	107259	19.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42779	19.802	ug/l	100
67) Ethyl Benzene	10.195	91	194253	19.024	ug/l	99
68) m/p-Xylenes	10.299	106	146195	38.374	ug/l	98
69) o-Xylene	10.640	106	72914	19.174	ug/l	98
70) Styrene	10.653	104	119730	19.083	ug/l	98
71) Bromoform	10.799	173	34158	19.532	ug/l #	99
73) Isopropylbenzene	10.963	105	187886	18.665	ug/l	98
74) N-amyl acetate	10.841	43	87817	18.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	65711	19.328	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55084m	19.254	ug/l	
77) Bromobenzene	11.195	156	43622	19.029	ug/l	96
78) n-propylbenzene	11.305	91	217592	18.691	ug/l	100
79) 2-Chlorotoluene	11.366	91	130399	18.485	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	160695	19.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21286	16.864	ug/l	87
82) 4-Chlorotoluene	11.451	91	149015	18.540	ug/l	98
83) tert-Butylbenzene	11.713	119	156909	18.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	159948	18.992	ug/l	98
85) sec-Butylbenzene	11.890	105	196863	19.082	ug/l	99
86) p-Isopropyltoluene	12.006	119	162076	19.092	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80468	18.952	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	81025	19.230	ug/l	99
89) n-Butylbenzene	12.329	91	140719	18.517	ug/l	99
90) Hexachloroethane	12.536	117	31366	18.226	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	78704	19.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14314	18.118	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	47462	18.802	ug/l	97
94) Hexachlorobutadiene	13.725	225	19194	18.380	ug/l	98
95) Naphthalene	13.774	128	168309	19.134	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46898	18.850	ug/l	99

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

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