

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038101.D
 Acq On : 05 Oct 2023 15:22
 Operator : JC/MD
 Sample : VX1005WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD01

Quant Time: Oct 05 15:47:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103443	48.299	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.600%		
35) Dibromofluoromethane	5.385	113	78209	47.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.400%		
50) Toluene-d8	8.647	98	302497	48.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	116232	48.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25832	20.098	ug/l	98
3) Chloromethane	1.307	50	24972	19.063	ug/l	99
4) Vinyl Chloride	1.374	62	30351	20.897	ug/l	97
5) Bromomethane	1.605	94	30889	15.606	ug/l	96
6) Chloroethane	1.685	64	22174	21.079	ug/l	96
7) Trichlorofluoromethane	1.886	101	58659	20.447	ug/l	99
8) Diethyl Ether	2.130	74	22268	20.812	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	23855	19.047	ug/l	97
10) Methyl Iodide	2.453	142	33764	18.737	ug/l	94
11) Tert butyl alcohol	2.953	59	48575	95.908	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	22778	18.697	ug/l	91
13) Acrolein	2.233	56	29447	96.716	ug/l	99
14) Allyl chloride	2.666	41	39997	18.355	ug/l	95
15) Acrylonitrile	3.062	53	95049	97.521	ug/l	99
16) Acetone	2.380	43	80970	90.586	ug/l	90
17) Carbon Disulfide	2.508	76	60106	17.118	ug/l	97
18) Methyl Acetate	2.703	43	74012	19.309	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	92410	19.046	ug/l	99
20) Methylene Chloride	2.788	84	29307	17.431	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28128	18.648	ug/l	91
22) Diisopropyl ether	3.764	45	88953	19.478	ug/l	89
23) Vinyl Acetate	3.721	43	327395	97.754	ug/l	99
24) 1,1-Dichloroethane	3.611	63	50913	18.370	ug/l	99
25) 2-Butanone	4.556	43	138874	96.294	ug/l	93
26) 2,2-Dichloropropane	4.477	77	38796	17.929	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	33855	18.846	ug/l	91
28) Bromochloromethane	4.897	49	25819	20.636	ug/l	92
29) Tetrahydrofuran	5.007	42	89826	95.666	ug/l	91
30) Chloroform	5.093	83	57454	18.957	ug/l	94
31) Cyclohexane	5.471	56	45091	19.432	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	48068	18.516	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42037	18.591	ug/l	99
37) Ethyl Acetate	4.715	43	51649	19.233	ug/l	97
38) Carbon Tetrachloride	5.678	117	40656	18.277	ug/l	97
39) Methylcyclohexane	7.379	83	50912	19.223	ug/l	93
40) Benzene	6.037	78	122023	19.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25096	18.786	ug/l	# 88
42) 1,2-Dichloroethane	6.086	62	47743	18.895	ug/l	99
43) Isopropyl Acetate	6.342	43	77332	19.290	ug/l	97
44) Trichloroethene	7.123	130	31774	19.209	ug/l	98
45) 1,2-Dichloropropane	7.427	63	31358	19.158	ug/l	95
46) Dibromomethane	7.586	93	23749	18.707	ug/l	98
47) Bromodichloromethane	7.824	83	42316	18.737	ug/l	94
48) Methyl methacrylate	7.696	41	37993	19.852	ug/l	88
49) 1,4-Dioxane	7.659	88	19598	415.565	ug/l	# 91
51) 4-Methyl-2-Pentanone	8.574	43	278355	100.664	ug/l	98
52) Toluene	8.720	92	80716	19.593	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	45428	18.739	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	47788	18.763	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33400	18.954	ug/l	94
56) Ethyl methacrylate	9.116	69	51291	18.985	ug/l	92
57) 1,3-Dichloropropane	9.311	76	55691	19.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	131495	99.154	ug/l	99
59) 2-Hexanone	9.427	43	223230	100.419	ug/l	97
60) Dibromochloromethane	9.519	129	32641	18.927	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36999	19.416	ug/l	99
64) Tetrachloroethene	9.275	164	27787	19.267	ug/l	96
65) Chlorobenzene	10.079	112	87787	18.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30125	19.110	ug/l	99
67) Ethyl Benzene	10.195	91	159962	19.223	ug/l	99
68) m/p-Xylenes	10.299	106	122371	38.032	ug/l	99
69) o-Xylene	10.640	106	59412	18.919	ug/l	99
70) Styrene	10.653	104	100150	19.583	ug/l	97
71) Bromoform	10.799	173	23399	17.947	ug/l	# 99
73) Isopropylbenzene	10.963	105	157104	19.121	ug/l	100
74) N-amyl acetate	10.842	43	69210	19.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59169	19.626	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	53636m	19.257	ug/l	
77) Bromobenzene	11.201	156	37586	18.738	ug/l	94
78) n-propylbenzene	11.305	91	196191	19.529	ug/l	98
79) 2-Chlorotoluene	11.366	91	113229	19.005	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	136539	19.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	14155	17.677	ug/l	95
82) 4-Chlorotoluene	11.457	91	135379	19.202	ug/l	100
83) tert-Butylbenzene	11.713	119	130375	18.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	138415	19.585	ug/l	99
85) sec-Butylbenzene	11.890	105	177323	19.764	ug/l	99
86) p-Isopropyltoluene	12.006	119	144251	19.487	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	76454	18.976	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	76631	18.630	ug/l	99
89) n-Butylbenzene	12.329	91	141857	19.242	ug/l	95
90) Hexachloroethane	12.536	117	22859	18.625	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	74818	19.319	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14092	19.332	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	50280	19.357	ug/l	95
94) Hexachlorobutadiene	13.725	225	19987	19.118	ug/l	97
95) Naphthalene	13.774	128	172195	19.036	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47897	19.044	ug/l	97

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

