

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037739.D
 Acq On : 14 Sep 2023 19:29
 Operator : JC/MD
 Sample : 04287-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 01:35:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	358876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149080	42.883	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.760%
35) Dibromofluoromethane	5.391	113	126487	49.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	8.653	98	465492	48.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	181419	52.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	112936	47.940	ug/l	99
3) Chloromethane	1.301	50	111816	41.664	ug/l	97
4) Vinyl Chloride	1.374	62	138385	45.838	ug/l	98
5) Bromomethane	1.599	94	110417	43.725	ug/l	96
6) Chloroethane	1.679	64	91100	43.888	ug/l	98
7) Trichlorofluoromethane	1.886	101	219189	43.883	ug/l	98
8) Diethyl Ether	2.136	74	84690	42.722	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	128424	57.356	ug/l	97
10) Methyl Iodide	2.453	142	143186	54.150	ug/l	94
11) Tert butyl alcohol	2.965	59	169390	234.725	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	227809	103.052	ug/l	84
13) Acrolein	2.239	56	139772	246.079	ug/l	99
14) Allyl chloride	2.660	41	172846	44.633	ug/l	# 95
15) Acrylonitrile	3.062	53	370040	232.102	ug/l	99
16) Acetone	2.380	43	306176	217.848	ug/l	91
17) Carbon Disulfide	2.508	76	230351	40.990	ug/l	99
18) Methyl Acetate	2.703	43	253197	42.660	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	403319	46.214	ug/l	99
20) Methylene Chloride	2.788	84	129729	47.679	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	137122	53.914	ug/l	89
22) Diisopropyl ether	3.764	45	379933	45.033	ug/l	86
23) Vinyl Acetate	3.721	43	1303028	211.745	ug/l	96
24) 1,1-Dichloroethane	3.611	63	550930	112.061	ug/l	99
25) 2-Butanone	4.556	43	505831	220.727	ug/l	92
26) 2,2-Dichloropropane	4.477	77	143623	41.997	ug/l	# 33
27) cis-1,2-Dichloroethene	4.489	96	1246897	402.033	ug/l	81
28) Bromochloromethane	4.904	49	109232	43.977	ug/l	83
29) Tetrahydrofuran	5.007	42	331477	227.140	ug/l	90
30) Chloroform	5.093	83	243501	45.861	ug/l	100
31) Cyclohexane	5.471	56	179609	44.867	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	209203	47.341	ug/l	97
36) 1,1-Dichloropropene	5.696	75	166028	47.979	ug/l	96
37) Ethyl Acetate	4.715	43	185519	46.854	ug/l	# 80
38) Carbon Tetrachloride	5.678	117	178482	50.488	ug/l	99
39) Methylcyclohexane	7.385	83	202822	49.532	ug/l	94
40) Benzene	6.037	78	520466	49.613	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	104403	50.059	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	234304	57.144	ug/l	97
43) Isopropyl Acetate	6.342	43	299453	47.405	ug/l	95
44) Trichloroethene	7.141	130	14789867	5642.770	ug/l	96
45) 1,2-Dichloropropane	7.434	63	135145	48.815	ug/l	98
46) Dibromomethane	7.580	93	99955	49.627	ug/l	93
47) Bromodichloromethane	7.824	83	188353	51.802	ug/l	99
48) Methyl methacrylate	7.696	41	152456	49.928	ug/l #	88
49) 1,4-Dioxane	7.659	88	90326	1193.942	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	1040399	250.827	ug/l	95
52) Toluene	8.720	92	336531	49.893	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	194977	52.892	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	209238	51.728	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	149551	52.654	ug/l	97
56) Ethyl methacrylate	9.116	69	229189	52.741	ug/l	89
57) 1,3-Dichloropropane	9.311	76	235206	49.370	ug/l	100
59) 2-Hexanone	9.433	43	811423	253.432	ug/l	93
60) Dibromochloromethane	9.525	129	152144	54.535	ug/l	99
61) 1,2-Dibromoethane	9.610	107	158802	52.016	ug/l	100
64) Tetrachloroethene	9.275	164	140109	62.676	ug/l	97
65) Chlorobenzene	10.079	112	371930	50.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	141852	55.968	ug/l	99
67) Ethyl Benzene	10.195	91	656444	50.159	ug/l	99
68) m/p-Xylenes	10.305	106	510074	102.217	ug/l	98
69) o-Xylene	10.640	106	256337	51.522	ug/l	99
70) Styrene	10.659	104	429597	52.926	ug/l	96
71) Bromoform	10.799	173	116032	58.507	ug/l #	99
73) Isopropylbenzene	10.963	105	668754	49.254	ug/l	98
74) N-amyl acetate	10.842	43	272953	46.102	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	247998	48.809	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	193375m	48.502	ug/l	
77) Bromobenzene	11.201	156	167464	52.046	ug/l	89
78) n-propylbenzene	11.305	91	777519	49.775	ug/l	99
79) 2-Chlorotoluene	11.366	91	467498	48.619	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	578897	50.731	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65901	50.244	ug/l	89
82) 4-Chlorotoluene	11.457	91	535233	48.728	ug/l	96
83) tert-Butylbenzene	11.713	119	593766	51.796	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	579143	50.341	ug/l	98
85) sec-Butylbenzene	11.890	105	722914	51.081	ug/l	99
86) p-Isopropyltoluene	12.012	119	597890	51.556	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	311506	50.420	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	327237	51.537	ug/l	98
89) n-Butylbenzene	12.335	91	530831	50.539	ug/l	97
90) Hexachloroethane	12.536	117	103971	53.130	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	317849	51.421	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51797	49.647	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	188381	51.174	ug/l	97
94) Hexachlorobutadiene	13.725	225	83255	54.141	ug/l	98
95) Naphthalene	13.774	128	670626	50.292	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	191354	50.662	ug/l	97

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

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