

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038291.D
 Acq On : 13 Oct 2023 17:48
 Operator : JC/MD
 Sample : 04875-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MSD

Quant Time: Oct 13 23:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116659	48.150	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.385	113	95152	51.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.960%		
50) Toluene-d8	8.647	98	346345	49.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	136164	51.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68002	46.770	ug/l	97
3) Chloromethane	1.300	50	64418	43.469	ug/l	96
4) Vinyl Chloride	1.374	62	82689	50.326	ug/l	97
5) Bromomethane	1.599	94	98230	45.443	ug/l	98
6) Chloroethane	1.685	64	60392	50.227	ug/l	99
7) Trichlorofluoromethane	1.886	101	166163	51.200	ug/l	100
8) Diethyl Ether	2.130	74	60294	49.814	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	74029	52.251	ug/l	98
10) Methyl Iodide	2.453	142	95201	46.701	ug/l	94
11) Tert butyl alcohol	2.959	59	106791	197.339	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	68436	49.658	ug/l	89
13) Acrolein	2.233	56	84293	244.734	ug/l	99
14) Allyl chloride	2.666	41	112042	45.452	ug/l	93
15) Acrylonitrile	3.062	53	267248	242.387	ug/l	99
16) Acetone	2.380	43	221939	219.491	ug/l	92
17) Carbon Disulfide	2.514	76	159369	40.122	ug/l	100
18) Methyl Acetate	2.703	43	212749	49.064	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	267883	48.806	ug/l	97
20) Methylene Chloride	2.788	84	83623	43.967	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	83424	48.890	ug/l	89
22) Diisopropyl ether	3.763	45	247902	47.984	ug/l #	83
23) Vinyl Acetate	3.721	43	894576	236.116	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	148309	47.302	ug/l	99
25) 2-Butanone	4.550	43	376923	231.032	ug/l	91
26) 2,2-Dichloropropane	4.477	77	111709	45.634	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	101183	49.790	ug/l	90
28) Bromochloromethane	4.897	49	71824	50.745	ug/l	83
29) Tetrahydrofuran	5.001	42	243361	229.112	ug/l #	86
30) Chloroform	5.092	83	177811	51.861	ug/l	98
31) Cyclohexane	5.470	56	117578	44.793	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	148390	50.530	ug/l	98
36) 1,1-Dichloropropene	5.696	75	116968	46.340	ug/l	97
37) Ethyl Acetate	4.708	43	141300	47.135	ug/l	97
38) Carbon Tetrachloride	5.678	117	125455	50.524	ug/l	97
39) Methylcyclohexane	7.379	83	138147	46.726	ug/l	93
40) Benzene	6.037	78	347879	49.276	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	73761	49.462	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	136159	48.272	ug/l	99
43) Isopropyl Acetate	6.342	43	214528	47.938	ug/l #	96
44) Trichloroethene	7.129	130	99962	54.136	ug/l	97
45) 1,2-Dichloropropane	7.434	63	89687	49.084	ug/l	99
46) Dibromomethane	7.580	93	71449	50.417	ug/l	97
47) Bromodichloromethane	7.824	83	131528	52.171	ug/l	96
48) Methyl methacrylate	7.690	41	105355	49.315	ug/l #	84
49) 1,4-Dioxane	7.659	88	44895	852.796	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	763629	247.388	ug/l	96
52) Toluene	8.720	92	617478	134.269	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	137130	50.674	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	143215	50.372	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	100708	51.197	ug/l	97
56) Ethyl methacrylate	9.116	69	150936	50.046	ug/l	92
57) 1,3-Dichloropropane	9.305	76	161038	50.618	ug/l	100
59) 2-Hexanone	9.427	43	615862	248.179	ug/l	95
60) Dibromochloromethane	9.518	129	106334	55.234	ug/l	99
61) 1,2-Dibromoethane	9.610	107	112380	52.831	ug/l	98
64) Tetrachloroethene	9.275	164	82819	50.484	ug/l	97
65) Chlorobenzene	10.079	112	258380	48.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	95692	53.366	ug/l	98
67) Ethyl Benzene	10.195	91	466790	49.316	ug/l	100
68) m/p-Xylenes	10.299	106	362703	99.102	ug/l	98
69) o-Xylene	10.640	106	177663	49.737	ug/l	100
70) Styrene	10.652	104	295022	50.716	ug/l	97
71) Bromoform	10.799	173	77677	46.886	ug/l #	100
73) Isopropylbenzene	10.963	105	464255	50.287	ug/l	99
74) N-amyl acetate	10.841	43	192658	48.868	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	175714	51.869	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187615	59.949	ug/l	90
77) Bromobenzene	11.201	156	113584	50.393	ug/l	91
78) n-propylbenzene	11.305	91	552540	48.947	ug/l	99
79) 2-Chlorotoluene	11.366	91	323970	48.392	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	399210	50.121	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	46826	44.198	ug/l	93
82) 4-Chlorotoluene	11.451	91	381253	48.126	ug/l	97
83) tert-Butylbenzene	11.713	119	402301	51.692	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	397810	50.093	ug/l	99
85) sec-Butylbenzene	11.890	105	499855	49.581	ug/l	100
86) p-Isopropyltoluene	12.006	119	419751	50.464	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	218162	48.190	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	224785	48.635	ug/l	98
89) n-Butylbenzene	12.335	91	392444	47.375	ug/l	97
90) Hexachloroethane	12.536	117	71078	51.539	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	217340	49.945	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41607	50.798	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	142635	48.869	ug/l	97
94) Hexachlorobutadiene	13.725	225	58171	49.518	ug/l	99
95) Naphthalene	13.774	128	501300	49.320	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141230	49.974	ug/l	98

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

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