

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040635.D
 Acq On : 14 Mar 2024 12:01
 Operator : JC/MD
 Sample : P1727-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240313044-02-VOA

Quant Time: Mar 15 05:42:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	15758	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	95081	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	81572	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	50242	31.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.400%			
60) 4-Bromofluorobenzene	11.079	95	45949	32.839	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.467%			
63) Toluene-d8	8.647	98	115587	32.064	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.867%			
Target Compounds					Qvalue	
4) Vinyl Chloride	1.368	62	566	0.478	ug/l #	77
8) Diethyl Ether	2.136	74	2584	4.224	ug/l	94
15) Acetone	2.373	58	3248	18.642	ug/l #	62
16) Carbon Disulfide	2.508	76	1073	0.415	ug/l #	93
23) tert-Butyl Alcohol	2.953	59	2248645	7808.206	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	16749	4.830	ug/l #	78
30) 2-Butanone	4.574	43	50369	50.154	ug/l #	76
34) Benzene	6.037	78	25033	5.634	ug/l	95
45) 1,4-Dioxane	7.659	88	3404	109.684	ug/l #	93
58) 4-Methyl-2-Pentanone	8.567	43	3660	2.015	ug/l #	89
62) Toluene	8.714	91	13188	2.935	ug/l	100
64) Chlorobenzene	10.079	112	9248	3.368	ug/l #	86
66) Ethyl Benzene	10.195	91	20876	4.030	ug/l	93
67) m/p-Xylenes	10.299	106	17632	9.218	ug/l	99
68) o-Xylene	10.640	106	10333	5.611	ug/l	93
69) Styrene	10.659	104	1691	0.547	ug/l #	1
70) Isopropylbenzene	10.957	105	3263	0.656	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	3892	0.888	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	15139	3.508	ug/l	100
82) p-Isopropyltoluene	12.006	119	4706	1.065	ug/l	87
84) 1,4-Dichlorobenzene	12.042	146	11033	4.707	ug/l	97

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

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