

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041569.D
 Acq On : 16 May 2024 17:24
 Operator : JC/MD
 Sample : P2502-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240515064-02-VOA

Quant Time: May 17 02:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	27362	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	149004	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	137837	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62757	29.125	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.100%		
60) 4-Bromofluorobenzene	11.079	95	65831	30.594	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.967%		
63) Toluene-d8	8.647	98	175535	29.709	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.033%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	3802	4.065	ug/l	89
11) Methyl Iodide	2.453	142	698	0.419	ug/l	92
12) Methyl Acetate	2.709	43	3039m	1.441	ug/l	
15) Acetone	2.386	58	174702	703.411	ug/l	98
16) Carbon Disulfide	2.501	76	26619	8.422	ug/l	100
23) tert-Butyl Alcohol	2.989	59	2592616	6590.716	ug/l #	100
30) 2-Butanone	4.556	43	894866	683.997	ug/l	97
34) Benzene	6.031	78	34957	5.616	ug/l	97
45) 1,4-Dioxane	7.671	88	5202m	120.881	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	25828	10.255	ug/l	92
59) 2-Hexanone	9.439	43	5087	2.535	ug/l #	79
62) Toluene	8.720	91	51974	7.578	ug/l	100
64) Chlorobenzene	10.079	112	9375	2.012	ug/l	94
66) Ethyl Benzene	10.195	91	80923	10.625	ug/l	96
67) m/p-Xylenes	10.299	106	29027	9.747	ug/l	92
68) o-Xylene	10.640	106	19166	6.393	ug/l	98
70) Isopropylbenzene	10.963	105	12830	1.694	ug/l	98
74) n-propylbenzene	11.305	91	5568	0.652	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	6372	0.986	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	27375	4.224	ug/l	97
82) p-Isopropyltoluene	12.006	119	27228	3.868	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	14526	3.601	ug/l	99
91) Naphthalene	13.774	128	361700	44.205	ug/l	99

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

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