

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084424.D
 Acq On : 18 Oct 2024 13:02
 Operator : JC\MD
 Sample : P4427-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 241016059-01-VOA

Quant Time: Oct 19 03:50:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32215	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	157811	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76328	29.429	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.100%
60) 4-Bromofluorobenzene	12.847	95	75242	28.889	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.300%
63) Toluene-d8	10.565	98	204629	27.990	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.300%
Target Compounds						Qvalue
8) Diethyl Ether	3.965	74	3877	2.949	ug/l	79
15) Acetone	4.436	58	14978	46.475	ug/l	86
23) tert-Butyl Alcohol	5.518	59	2820016	6516.567	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	13935m	2.079	ug/l	
34) Benzene	8.600	78	34900	4.064	ug/l #	75
45) 1,4-Dioxane	9.688	88	3880	91.294	ug/l	97
62) Toluene	10.629	91	72662	7.865	ug/l	100
64) Chlorobenzene	11.888	112	7231	1.258	ug/l	95
66) Ethyl Benzene	11.959	91	88756	8.843	ug/l	97
67) m/p-Xylenes	12.065	106	40828	10.723	ug/l	99
68) o-Xylene	12.394	106	20598	5.612	ug/l	97
70) Isopropylbenzene	12.694	105	7946	0.848	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	6817	0.864	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	26081	3.258	ug/l	98
82) p-Isopropyltoluene	13.729	119	54781	7.024	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	10524	2.512	ug/l	98
91) Naphthalene	15.635	128	155162	21.588	ug/l	99

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

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