

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075538.D
 Acq On : 02 Dec 2022 17:41
 Operator : JC\MD
 Sample : N5840-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	169461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	44239	48.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.260%		
35) Dibromofluoromethane	8.171	113	55607	51.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.980%		
50) Toluene-d8	10.571	98	118853	48.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.847	95	93596	52.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.260%		
Target Compounds					Qvalue	
8) Diethyl Ether	3.971	74	146391	143.879	ug/l	94
11) Tert butyl alcohol	5.542	59	134998m	353.529	ug/l	
16) Acetone	4.436	43	278160	327.836	ug/l	97
18) Methyl Acetate	5.036	43	58204	26.605	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	84625	15.223	ug/l #	80
25) 2-Butanone	7.488	43	108117	91.271	ug/l	97
29) Tetrahydrofuran	7.859	42	4132	5.735	ug/l	88
31) Cyclohexane	8.265	56	19658	6.802	ug/l	95
39) Methylcyclohexane	9.606	83	18362	6.229	ug/l	92
40) Benzene	8.612	78	2548094	353.367	ug/l	99
43) Isopropyl Acetate	8.694	43	40449	11.883	ug/l	99
49) 1,4-Dioxane	9.706	88	4853	108.583	ug/l #	28
51) 4-Methyl-2-Pentanone	10.447	43	12744	5.878	ug/l	90
52) Toluene	10.635	92	3812052	820.364	ug/l	99
67) Ethyl Benzene	11.965	91	388004	43.401	ug/l	99
68) m/p-Xylenes	12.070	106	1175008	323.655	ug/l	98
69) o-Xylene	12.400	106	392672	108.861	ug/l	99
73) Isopropylbenzene	12.700	105	62541	6.786	ug/l	97
78) n-propylbenzene	13.041	91	41785	4.063	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	234307	30.601	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	421905	54.933	ug/l	100
85) sec-Butylbenzene	13.617	105	12214m	1.289	ug/l	
86) p-Isopropyltoluene	13.729	119	15485	1.943	ug/l	98
95) Naphthalene	15.641	128	15128	2.233	ug/l #	94

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

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