

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067724.D
 Acq On : 13 Jul 2021 18:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:36 AM

Quant Time: Jul 14 01:20:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	80100	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	468415	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	414674	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	197419	30.507	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.700%			
60) 4-Bromofluorobenzene	12.734	95	180581	26.815	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.367%			
63) Toluene-d8	10.443	98	579581	30.388	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.300%			
Target Compounds						
					Qvalue	
16) Carbon Disulfide	4.524	76	15060	1.468	ug/l	97
47) n-amyl Acetate	12.393	43	17811	1.737	ug/l	99
58) 4-Methyl-2-Pentanone	10.336	43	18226	2.560	ug/l	98
59) 2-Hexanone	11.089	43	33894	6.789	ug/l	96
61) Tetrachloroethene	10.980	164	2712	0.532	ug/l #	84
62) Toluene	10.507	91	12290	0.504	ug/l	93
64) Chlorobenzene	11.771	112	7853	0.538	ug/l	96
66) Ethyl Benzene	11.846	91	11171	0.414	ug/l	94
67) m/p-Xylenes	11.958	106	9678	0.940	ug/l	95
68) o-Xylene	12.283	106	3711	0.365	ug/l	96
69) Styrene	12.296	104	9493	0.565	ug/l	96
70) Isopropylbenzene	12.583	105	11694	0.446	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	5676	0.762	ug/l	94
72) 1,2,3-Trichloropropane	12.884	75	5908m	0.954	ug/l	
73) Bromobenzene	12.862	156	5103	0.847	ug/l	92
74) n-propylbenzene	12.924	91	24329	0.810	ug/l	100
75) 2-Chlorotoluene	13.012	91	12044	0.668	ug/l	99
76) 1,3,5-Trimethylbenzene	13.058	105	11711m	0.542	ug/l	
78) 4-Chlorotoluene	13.109	91	18933	1.053	ug/l	100
79) tert-butylbenzene	13.326	119	8179	0.441	ug/l	93
80) 1,2,4-Trimethylbenzene	13.372	105	16862	0.786	ug/l #	81
81) sec-Butylbenzene	13.503	105	18560	0.722	ug/l	96
82) p-Isopropyltoluene	13.616	119	19712	0.921	ug/l	96
83) 1,3-Dichlorobenzene	13.619	146	14976	1.330	ug/l	99
84) 1,4-Dichlorobenzene	13.699	146	17861	1.629	ug/l	98
85) n-Butylbenzene	13.946	91	33812	1.904	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	15468	1.439	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.606	75	3404	2.555	ug/l	91
89) 1,2,4-Trichlorobenzene	15.263	180	27554	5.623	ug/l	98
90) Hexachlorobutadiene	15.375	225	7210	3.061	ug/l	93
91) Naphthalene	15.509	128	175840	12.632	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	35732	7.612	ug/l	97

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

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