

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064309.D
 Acq On : 26 Oct 2020 17:53
 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
 10/27/2020 2:21:16 PM

Quant Time: Oct 27 03:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	47723	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	271379	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	237478	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	130828	30.47	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.57%
60) 4-Bromofluorobenzene	12.38	95	122164	28.76	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.87%
63) Toluene-d8	10.06	98	323765	30.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	1720	0.441 ug/l	70
4) Vinyl Chloride	2.16	62	981	0.276 ug/l	99
16) Carbon Disulfide	4.01	76	11098m	1.394 ug/l	
37) Trichloroethene	8.80	130	1876	0.549 ug/l #	45
38) Methylcyclohexane	9.05	83	2171	0.481 ug/l #	71
61) Tetrachloroethene	10.60	164	1929	0.609 ug/l	93
62) Toluene	10.12	91	3452	0.264 ug/l	85
64) Chlorobenzene	11.40	112	2768	0.339 ug/l	91
66) Ethyl Benzene	11.49	91	4585	0.307 ug/l #	70
67) m/p-Xylenes	11.59	106	3705	0.675 ug/l	88
68) o-Xylene	11.92	106	1620	0.300 ug/l	81
69) Styrene	11.94	104	2714	0.302 ug/l #	84
70) Isopropylbenzene	12.22	105	4915	0.343 ug/l	87
73) Bromobenzene	12.50	156	1601m	0.456 ug/l	
74) n-propylbenzene	12.57	91	7672	0.470 ug/l	94
75) 2-Chlorotoluene	12.65	91	4474	0.443 ug/l	86
76) 1,3,5-Trimethylbenzene	12.71	105	4661	0.385 ug/l	95
78) 4-Chlorotoluene	12.75	91	5864	0.555 ug/l	98
79) tert-butylbenzene	12.96	119	3886	0.389 ug/l	88
80) 1,2,4-Trimethylbenzene	13.01	105	4572	0.374 ug/l	90
81) sec-Butylbenzene	13.15	105	6433	0.497 ug/l	92
82) p-Isopropyltoluene	13.26	119	6691	0.564 ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	3914	0.642 ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	4539	0.741 ug/l	98
85) n-Butylbenzene	13.59	91	8292	0.802 ug/l	92
87) 1,2-Dichlorobenzene	13.62	146	3363	0.560 ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.25	75	821	0.796 ug/l #	74
89) 1,2,4-Trichlorobenzene	14.88	180	6166	1.813 ug/l	93
90) Hexachlorobutadiene	14.98	225	5471	2.989 ug/l	90
91) Naphthalene	15.10	128	22467	2.188 ug/l #	95
92) 1,2,3-Trichlorobenzene	15.29	180	7072m	2.152 ug/l	

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

