

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034336.D
 Acq On : 18 Oct 2019 9:19
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 2:56:23 PM

Quant Time: Oct 20 19:25:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 18 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	803053	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	1690689	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1726532	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1408232	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	9373	0.100	ppbv	98
4) Chloromethane	3.12	50	6001	0.108	ppbv	91
9) Propene	2.98	41	9224m	0.221	ppbv	
14) Bromoethene	3.73	108	3933m	0.116	ppbv	
15) Acetone	3.85	43	58976	0.513	ppbv	92
16) 1,3-Butadiene	3.31	39	8111m	0.174	ppbv	
17) tert-Butyl alcohol	4.32	59	9086m	0.124	ppbv	
18) 1,1-Dichloroethene	4.28	96	3638	0.096	ppbv #	68
19) Isopropyl Alcohol	3.98	45	8624m	0.135	ppbv	
20) Methylene Chloride	4.34	84	10471	0.252	ppbv #	92
22) trans-1,2-Dichloroethene	4.89	96	4778m	0.127	ppbv	
23) Vinyl Acetate	5.08	43	15924	0.111	ppbv #	85
24) 1,1-Dichloroethane	5.01	63	10678m	0.100	ppbv	
25) Ethyl Acetate	5.70	43	22440m	0.116	ppbv	
26) Hexane	5.70	57	10304	0.125	ppbv	91
28) Methyl tert-Butyl Ether	5.06	73	12441m	0.099	ppbv	
29) Chloroform	5.77	83	13655m	0.104	ppbv	
30) Cyclohexane	7.18	84	8040m	0.132	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	8266m	0.099	ppbv	
32) 1,1,1-Trichloroethane	6.53	97	10144	0.080	ppbv #	87
34) 2-Butanone	5.27	43	16659m	0.121	ppbv	
35) Carbon Tetrachloride	7.05	117	9590	0.065	ppbv #	75
36) Benzene	6.92	78	15452	0.095	ppbv #	78
38) Trichloroethene	7.87	130	6671m	0.102	ppbv	
52) Tetrachloroethene	11.27	164	18503m	0.291	ppbv	
59) m/p-Xylene	13.02	91	34631m	0.166	ppbv	
70) n-Butylbenzene	18.63	91	23216	0.076	ppbv	93
71) 2-Chlorotoluene	15.52	91	17191m	0.081	ppbv	
74) 1,2,4-Trimethylbenzene	16.83	105	20877m	0.086	ppbv	
75) 1,3-Dichlorobenzene	17.07	146	14113m	0.097	ppbv	
76) 1,4-Dichlorobenzene	17.21	146	13470m	0.095	ppbv	
77) 1,2-Dichlorobenzene	17.89	146	13771m	0.097	ppbv	
78) Hexachloro-1,3-Butadiene	23.45	225	9925m	0.084	ppbv	
79) Naphthalene	22.30	128	15848m	0.090	ppbv	
80) Naphthalene,2-methyl-	25.05	142	5892	0.115	ppbv	98
81) 1,2,4-Trichlorobenzene	22.04	180	12525m	0.109	ppbv	

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

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