

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033862.D
 Acq On : 30 May 2019 8:57
 Operator : SY/AP
 Sample : K3007-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-1

Manual Integrations
 APPROVED

apatel
 5/31/2019 2:29:14 PM

Quant Time: May 31 07:16:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	723462	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1738530	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1775109	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1432738	9.96	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	22387	0.147	ppbv	97
3) Chlorodifluoromethane	3.01	51	165531	1.997	ppbv	100
4) Chloromethane	3.17	50	43482	0.917	ppbv	94
5) Vinyl Chloride	3.28	62	2674m	0.055	ppbv	
9) Propene	3.03	41	945451	26.823	ppbv	87
10) Heptane	8.24	43	215000	2.154	ppbv	98
11) Trichlorofluoromethane	4.00	101	40527	0.279	ppbv	99
13) Ethanol	3.66	45	2626987	230.587	ppbv	100
15) Acetone	3.89	43	2436979m	24.278	ppbv	
17) tert-Butyl alcohol	4.37	59	102323	1.261	ppbv #	92
20) Methylene Chloride	4.41	84	20024	0.518	ppbv	94
26) Hexane	5.77	57	437845	5.776	ppbv #	39
27) Carbon Disulfide	4.62	76	271562	2.611	ppbv	98
28) Methyl tert-Butyl Ether	5.11	73	19003m	0.154	ppbv	
30) Cyclohexane	7.24	84	53775	0.844	ppbv #	81
32) 1,1,1-Trichloroethane	6.62	97	14426m	0.103	ppbv	
34) 2-Butanone	5.33	43	308942	2.867	ppbv	98
35) Carbon Tetrachloride	7.12	117	8649	0.062	ppbv #	79
36) Benzene	7.00	78	374238	2.366	ppbv	98
38) Trichloroethene	7.96	130	11848m	0.202	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	101411	0.379	ppbv #	47
52) Tetrachloroethene	11.36	164	31751m	0.571	ppbv	
53) Toluene	9.94	91	1034285	6.064	ppbv	99
58) Ethyl Benzene	12.86	91	108577	0.462	ppbv	100
59) m/p-Xylene	13.11	91	375671	1.828	ppbv	100
60) o-Xylene	13.84	91	113649	0.549	ppbv	98
72) 4-Ethyltoluene	15.99	105	42166	0.178	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.15	105	31640m	0.137	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	175001	0.696	ppbv #	72
79) Naphthalene	22.40	128	144583m	0.619	ppbv	
80) Naphthalene,2-methyl-	25.11	142	11664	0.131	ppbv	91

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

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