

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033806.D
 Acq On : 28 May 2019 15:44
 Operator : SY/AP
 Sample : K2929-12
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3008-25

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:40:16 PM

Quant Time: May 29 05:17:59 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	892413	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2346948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2298783	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1823828	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	29875	0.159	ppbv	93
3) Chlorodifluoromethane	3.00	51	22927m	0.224	ppbv	
4) Chloromethane	3.16	50	14366m	0.246	ppbv	
9) Propene	3.03	41	705501	16.226	ppbv	92
10) Heptane	8.24	43	131581	1.069	ppbv	95
11) Trichlorofluoromethane	4.00	101	49869	0.278	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	26396	0.211	ppbv	99
13) Ethanol	3.65	45	361561	25.728	ppbv	98
15) Acetone	3.89	43	9312590	75.212	ppbv #	86
17) tert-Butyl alcohol	4.36	59	307589	3.072	ppbv	99
20) Methylene Chloride	4.41	84	127279	2.670	ppbv	98
26) Hexane	5.77	57	320260	3.425	ppbv #	42
27) Carbon Disulfide	4.62	76	208168	1.623	ppbv	99
29) Chloroform	5.85	83	24865	0.144	ppbv	92
30) Cyclohexane	7.24	84	16180m	0.206	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	15737m	0.092	ppbv	
34) 2-Butanone	5.32	43	1810469	12.445	ppbv	97
35) Carbon Tetrachloride	7.13	117	5152m	0.027	ppbv	
36) Benzene	7.00	78	136281	0.638	ppbv #	94
38) Trichloroethene	7.96	130	2349	0.030	ppbv #	61
44) 2,2,4-Trimethylpentane	7.98	57	51935	0.144	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	82926	0.371	ppbv	99
51) 2-Hexanone	10.26	43	306276	1.754	ppbv #	97
52) Tetrachloroethene	11.37	164	30925m	0.412	ppbv	
53) Toluene	9.94	91	1410565	6.126	ppbv	100
58) Ethyl Benzene	12.86	91	360553	1.184	ppbv	100
59) m/p-Xylene	13.11	91	1197228	4.499	ppbv	97
60) o-Xylene	13.84	91	419286	1.563	ppbv	98
61) Styrene	13.68	104	19352	0.107	ppbv #	83
64) n-propylbenzene	15.72	120	32682m	0.350	ppbv	
70) n-Butylbenzene	18.73	91	90614	0.221	ppbv #	81
72) 4-Ethyltoluene	15.99	105	177571	0.579	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	128518m	0.429	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	462691	1.421	ppbv #	75
75) 1,3-Dichlorobenzene	17.15	146	68659m	0.344	ppbv	
79) Naphthalene	22.41	128	57852m	0.191	ppbv	

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

