

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033775.D
 Acq On : 23 May 2019 16:08
 Operator : SY/AP
 Sample : K2929-13
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3004-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:27 AM

Quant Time: May 24 05:00:50 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	992269	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2409255	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2237101	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1880155	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	40486	0.194	ppbv	98
3) Chlorodifluoromethane	3.01	51	28401m	0.250	ppbv	
4) Chloromethane	3.17	50	9503	0.146	ppbv	100
9) Propene	3.03	41	1119029	23.147	ppbv	92
10) Heptane	8.24	43	346856	2.534	ppbv	98
11) Trichlorofluoromethane	4.00	101	151588	0.760	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.54	101	33469	0.240	ppbv	100
13) Ethanol	3.65	45	613560	39.266	ppbv	99
15) Acetone	3.89	43	6076274	44.136	ppbv	91
17) tert-Butyl alcohol	4.36	59	257189	2.310	ppbv	96
19) Isopropyl Alcohol	4.03	45	341682	3.849	ppbv #	94
20) Methylene Chloride	4.41	84	157582	2.973	ppbv	96
26) Hexane	5.77	57	497864	4.789	ppbv #	77
27) Carbon Disulfide	4.62	76	252199	1.768	ppbv	98
29) Chloroform	5.84	83	318962	1.665	ppbv	98
30) Cyclohexane	7.24	84	40364m	0.462	ppbv	
32) 1,1,1-Trichloroethane	6.61	97	7802m	0.041	ppbv	
34) 2-Butanone	5.32	43	613884	4.111	ppbv	99
35) Carbon Tetrachloride	7.13	117	5122m	0.027	ppbv	
36) Benzene	7.00	78	365080	1.666	ppbv	97
38) Trichloroethene	7.95	130	2962m	0.036	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	148180	0.400	ppbv #	64
50) 4-Methyl-2-Pentanone	8.87	43	191208	0.832	ppbv	95
52) Tetrachloroethene	11.36	164	28826m	0.374	ppbv	
53) Toluene	9.94	91	5385524	22.783	ppbv	98
58) Ethyl Benzene	12.86	91	1021690	3.449	ppbv	100
59) m/p-Xylene	13.11	91	3349669	12.935	ppbv	98
60) o-Xylene	13.84	91	1028433	3.939	ppbv	99
61) Styrene	13.68	104	46170m	0.263	ppbv	
62) Isopropylbenzene	14.81	105	57114m	0.162	ppbv	
64) n-propylbenzene	15.71	120	56383	0.620	ppbv	78
65) tert-Butylbenzene	16.92	119	90821m	0.283	ppbv	
70) n-Butylbenzene	18.72	91	105435m	0.265	ppbv	
72) 4-Ethyltoluene	15.99	105	320302	1.073	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.15	105	217527	0.747	ppbv	100
74) 1,2,4-Trimethylbenzene	16.92	105	840401	2.652	ppbv #	74
75) 1,3-Dichlorobenzene	17.15	146	28205	0.145	ppbv #	58
76) 1,4-Dichlorobenzene	17.30	146	22825m	0.124	ppbv	
79) Naphthalene	22.42	128	101352m	0.344	ppbv	

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

