

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033818.D
 Acq On : 29 May 2019 1:13
 Operator : SY/AP
 Sample : K2960-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3011-55

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:41:01 PM

Quant Time: May 29 06:40:39 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	5.77	49	844880	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2199230	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2103992	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1669609	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	3.08	85	32756	0.184	ppbv	90
3) Chlorodifluoromethane	3.01	51	26077m	0.269	ppbv	
4) Chloromethane	3.17	50	21278	0.384	ppbv	91
9) Propene	3.03	41	3836965	93.213	ppbv	94
10) Heptane	8.24	43	317921	2.727	ppbv	99
11) Trichlorofluoromethane	4.00	101	81555	0.480	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	115922	0.977	ppbv	96
13) Ethanol	3.67	45	735993	55.319	ppbv	98
15) Acetone	3.90	43	19463315	166.037	ppbv #	65
17) tert-Butyl alcohol	4.37	59	217450	2.294	ppbv #	94
20) Methylene Chloride	4.42	84	296068	6.560	ppbv	95
26) Hexane	5.78	57	542566	6.129	ppbv #	41
27) Carbon Disulfide	4.62	76	219361	1.806	ppbv	97
30) Cyclohexane	7.24	84	45175	0.607	ppbv #	87
34) 2-Butanone	5.33	43	1914923	14.047	ppbv	99
35) Carbon Tetrachloride	7.13	117	7984m	0.045	ppbv	
36) Benzene	7.01	78	406146	2.030	ppbv	96
38) Trichloroethene	7.97	130	21126	0.285	ppbv #	75
41) Tetrahydrofuran	6.15	42	21017m	0.275	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	121721	0.360	ppbv #	57
50) 4-Methyl-2-Pentanone	8.88	43	113369	0.541	ppbv	96
51) 2-Hexanone	10.26	43	218644	1.336	ppbv #	95
52) Tetrachloroethene	11.36	164	12311m	0.175	ppbv	
53) Toluene	9.94	91	4710425	21.830	ppbv	98
58) Ethyl Benzene	12.86	91	575916	2.067	ppbv	98
59) m/p-Xylene	13.12	91	1889029	7.756	ppbv	97
60) o-Xylene	13.84	91	656802	2.675	ppbv	99
61) Styrene	13.67	104	33201m	0.201	ppbv	
62) Isopropylbenzene	14.82	105	39217	0.119	ppbv	94
64) n-propylbenzene	15.72	120	39924	0.467	ppbv	85
65) tert-Butylbenzene	16.92	119	87067m	0.288	ppbv	
70) n-Butylbenzene	18.73	91	80285m	0.214	ppbv	
72) 4-Ethyltoluene	15.99	105	249424	0.889	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	194030	0.708	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	773608	2.595	ppbv #	76
75) 1,3-Dichlorobenzene	17.15	146	53131	0.291	ppbv #	75
79) Naphthalene	22.42	128	101863	0.368	ppbv #	91

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

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