

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033831.D
 Acq On : 29 May 2019 10:09
 Operator : SY/AP
 Sample : K2960-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-DUP02

Manual Integrations
 APPROVED

apatel
 5/30/2019 3:34:07 PM

Quant Time: May 30 01:39:04 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	773227	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1899128	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2074596	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1712029	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	31488	0.193	ppbv	96
3) Chlorodifluoromethane	3.01	51	29784	0.336	ppbv	97
4) Chloromethane	3.16	50	25064	0.495	ppbv	94
9) Propene	3.03	41	2626061	69.708	ppbv	92
10) Heptane	8.24	43	254599	2.387	ppbv	99
11) Trichlorofluoromethane	4.00	101	849786	5.464	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	11155m	0.103	ppbv	
13) Ethanol	3.65	45	290042	23.820	ppbv	98
15) Acetone	3.89	43	12513324	116.640	ppbv #	82
17) tert-Butyl alcohol	4.36	59	155457	1.792	ppbv #	93
20) Methylene Chloride	4.41	84	58510	1.417	ppbv	97
26) Hexane	5.78	57	319729	3.946	ppbv #	38
27) Carbon Disulfide	4.62	76	292534	2.632	ppbv	97
30) Cyclohexane	7.24	84	30675	0.450	ppbv #	57
32) 1,1,1-Trichloroethane	6.62	97	5364m	0.036	ppbv	
34) 2-Butanone	5.32	43	1426981	12.122	ppbv	100
35) Carbon Tetrachloride	7.13	117	8467m	0.056	ppbv	
36) Benzene	7.00	78	362094	2.096	ppbv	98
38) Trichloroethene	7.95	130	19825m	0.309	ppbv	
41) Tetrahydrofuran	6.15	42	20339m	0.308	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	77640	0.266	ppbv #	55
50) 4-Methyl-2-Pentanone	8.87	43	81335	0.449	ppbv	99
51) 2-Hexanone	10.26	43	151870	1.075	ppbv #	91
52) Tetrachloroethene	11.36	164	12243m	0.202	ppbv	
53) Toluene	9.94	91	2055907	11.034	ppbv	100
58) Ethyl Benzene	12.86	91	465338	1.694	ppbv	98
59) m/p-Xylene	13.11	91	1591000	6.625	ppbv	98
60) o-Xylene	13.84	91	540533	2.233	ppbv	99
64) n-propylbenzene	15.72	120	32295m	0.383	ppbv	
70) n-Butylbenzene	18.72	91	86690m	0.235	ppbv	
72) 4-Ethyltoluene	15.99	105	214738	0.776	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.15	105	172081	0.637	ppbv	94
74) 1,2,4-Trimethylbenzene	16.92	105	747241	2.542	ppbv #	76
75) 1,3-Dichlorobenzene	17.16	146	78087	0.434	ppbv #	76
79) Naphthalene	22.41	128	219432m	0.804	ppbv	
80) Naphthalene,2-methyl-	25.10	142	27308	0.263	ppbv	96

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

