

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033836.D
 Acq On : 29 May 2019 13:31
 Operator : SY/AP
 Sample : K2960-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3010-25

Manual Integrations
 APPROVED

apatel
 5/30/2019 3:34:26 PM

Quant Time: May 30 01:57:24 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	837636	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2249194	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2255842	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1719167	9.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	36875	0.209	ppbv	95
3) Chlorodifluoromethane	3.01	51	13493m	0.141	ppbv	
4) Chloromethane	3.17	50	29769	0.542	ppbv	94
9) Propene	3.03	41	1206160	29.555	ppbv	91
10) Heptane	8.24	43	151906	1.314	ppbv	100
11) Trichlorofluoromethane	4.00	101	39134	0.232	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	45265	0.385	ppbv	97
13) Ethanol	3.66	45	523629	39.697	ppbv	99
15) Acetone	3.89	43	11110617	95.602	ppbv #	85
17) tert-Butyl alcohol	4.37	59	159911	1.702	ppbv	97
20) Methylene Chloride	4.41	84	135006	3.017	ppbv	98
26) Hexane	5.77	57	306661	3.494	ppbv #	43
27) Carbon Disulfide	4.62	76	221731	1.841	ppbv	96
30) Cyclohexane	7.25	84	24664m	0.334	ppbv	
34) 2-Butanone	5.32	43	688326	4.937	ppbv	99
35) Carbon Tetrachloride	7.13	117	10738m	0.060	ppbv	
36) Benzene	7.00	78	170751	0.835	ppbv	95
38) Trichloroethene	7.96	130	9699m	0.128	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	58781	0.170	ppbv #	51
50) 4-Methyl-2-Pentanone	8.87	43	84467	0.394	ppbv	98
51) 2-Hexanone	10.27	43	104546	0.625	ppbv #	98
52) Tetrachloroethene	11.36	164	8388m	0.117	ppbv	
53) Toluene	9.94	91	1944451	8.811	ppbv	99
58) Ethyl Benzene	12.85	91	246365	0.825	ppbv	99
59) m/p-Xylene	13.11	91	768432	2.943	ppbv	98
60) o-Xylene	13.84	91	255326	0.970	ppbv	98
61) Styrene	13.67	104	30497m	0.172	ppbv	
64) n-propylbenzene	15.71	120	14810m	0.162	ppbv	
70) n-Butylbenzene	18.72	91	50101	0.125	ppbv #	85
72) 4-Ethyltoluene	15.99	105	75557	0.251	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.14	105	58011m	0.198	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	183936m	0.576	ppbv	
75) 1,3-Dichlorobenzene	17.16	146	51668m	0.264	ppbv	

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

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