

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033789.D
 Acq On : 24 May 2019 1:24
 Operator : SY/AP
 Sample : K2929-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-DUP-01

Manual Integrations
 APPROVED

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

Quant Time: May 24 07:21:55 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	873942	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2397251	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2499623	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1945301	9.60	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	86078	0.467	ppbv	97
3) Chlorodifluoromethane	3.01	51	30559	0.305	ppbv	98
4) Chloromethane	3.17	50	12878	0.225	ppbv #	88
9) Propene	3.03	41	5281760	124.045	ppbv	96
10) Heptane	8.24	43	323604	2.684	ppbv	97
11) Trichlorofluoromethane	4.00	101	148111	0.843	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	17255	0.141	ppbv	99
13) Ethanol	3.66	45	1267678	92.113	ppbv	99
15) Acetone	3.89	43	10102595	83.317	ppbv #	81
17) tert-Butyl alcohol	4.36	59	405121	4.132	ppbv	97
20) Methylene Chloride	4.41	84	86219	1.847	ppbv	95
26) Hexane	5.78	57	430590	4.702	ppbv #	1
27) Carbon Disulfide	4.62	76	249286	1.984	ppbv	97
29) Chloroform	5.85	83	76314	0.452	ppbv	95
30) Cyclohexane	7.24	84	46992m	0.610	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	11307m	0.067	ppbv	
34) 2-Butanone	5.33	43	2849278	19.175	ppbv	97
36) Benzene	7.00	78	518332	2.377	ppbv	95
44) 2,2,4-Trimethylpentane	7.98	57	108272m	0.294	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	160203	0.701	ppbv	99
51) 2-Hexanone	10.26	43	294051	1.648	ppbv #	94
52) Tetrachloroethene	11.37	164	15304	0.200	ppbv #	86
53) Toluene	9.94	91	4288574	18.233	ppbv	98
58) Ethyl Benzene	12.86	91	477529	1.443	ppbv	99
59) m/p-Xylene	13.12	91	1394389	4.819	ppbv	96
60) o-Xylene	13.84	91	515083	1.766	ppbv	97
61) Styrene	13.68	104	44864	0.228	ppbv	99
62) Isopropylbenzene	14.82	105	53157m	0.135	ppbv	
64) n-propylbenzene	15.72	120	28513m	0.281	ppbv	
70) n-Butylbenzene	18.72	91	60865m	0.137	ppbv	
72) 4-Ethyltoluene	15.99	105	167289	0.502	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	129873	0.399	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.92	105	527099	1.488	ppbv #	75
75) 1,3-Dichlorobenzene	17.16	146	52549	0.242	ppbv #	60
76) 1,4-Dichlorobenzene	17.30	146	30143m	0.146	ppbv	
79) Naphthalene	22.41	128	137444	0.418	ppbv #	94

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

