

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033753.D
 Acq On : 22 May 2019 20:47
 Operator : SY/AP
 Sample : K2929-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-55

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:51:06 AM

Quant Time: May 23 05:38:28 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	1036675	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2672707	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2707092	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	2128873	9.70	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	33222	0.152	ppbv	99
3) Chlorodifluoromethane	3.01	51	34612m	0.291	ppbv	
4) Chloromethane	3.17	50	15949	0.235	ppbv #	86
9) Propene	3.03	41	8693286	172.118	ppbv	100
10) Heptane	8.24	43	1353280	9.462	ppbv	100
11) Trichlorofluoromethane	4.00	101	77355	0.371	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	20549	0.141	ppbv	98
13) Ethanol	3.65	45	447903	27.437	ppbv	99
15) Acetone	3.89	43	9559059	66.459	ppbv #	87
19) Isopropyl Alcohol	4.03	45	265840	2.866	ppbv #	94
20) Methylene Chloride	4.41	84	67842	1.225	ppbv #	89
26) Hexane	5.78	57	1264674	11.643	ppbv #	85
27) Carbon Disulfide	4.62	76	633554	4.251	ppbv	100
29) Chloroform	5.85	83	860718	4.302	ppbv	100
30) Cyclohexane	7.24	84	159977	1.752	ppbv #	71
34) 2-Butanone	5.32	43	1123688	6.783	ppbv	99
35) Carbon Tetrachloride	7.13	117	359482	1.679	ppbv	97
36) Benzene	7.00	78	1526447	6.278	ppbv	98
38) Trichloroethene	7.95	130	6505m	0.072	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	496741	1.209	ppbv #	73
50) 4-Methyl-2-Pentanone	8.87	43	139710	0.548	ppbv	100
52) Tetrachloroethene	11.36	164	26635m	0.312	ppbv	
53) Toluene	9.94	91	11953609	45.584	ppbv	95
58) Ethyl Benzene	12.85	91	2068023	5.769	ppbv	99
59) m/p-Xylene	13.11	91	5811262	18.544	ppbv	96
60) o-Xylene	13.84	91	1988700	6.295	ppbv	98
61) Styrene	13.68	104	61799	0.291	ppbv	94
62) Isopropylbenzene	14.81	105	122055	0.287	ppbv	100
64) n-propylbenzene	15.71	120	88654m	0.806	ppbv	
72) 4-Ethyltoluene	15.99	105	463828	1.284	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	316166	0.897	ppbv	97
74) 1,2,4-Trimethylbenzene	16.91	105	1130205	2.947	ppbv #	75
76) 1,4-Dichlorobenzene	17.30	146	30130	0.135	ppbv #	72
79) Naphthalene	22.40	128	100610m	0.282	ppbv	

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

