

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033746.D
 Acq On : 22 May 2019 16:11
 Operator : SY/AP
 Sample : K2929-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3001-04

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:50:50 AM

Quant Time: May 23 05:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 2019
 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	904780	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2180085	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2550583	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	1879954	9.09	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	30802	0.162	ppbv	98
3) Chlorodifluoromethane	3.01	51	30322m	0.293	ppbv	
4) Chloromethane	3.17	50	58097	0.980	ppbv	89
9) Propene	3.03	41	143851	3.263	ppbv	100
10) Heptane	8.23	43	210899	1.689	ppbv	98
11) Trichlorofluoromethane	4.00	101	103687	0.570	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.54	101	63770	0.502	ppbv	99
13) Ethanol	3.67	45	5118535	359.250	ppbv	100
15) Acetone	3.89	43	5128856	40.856	ppbv	94
17) tert-Butyl alcohol	4.38	59	472502	4.655	ppbv	99
19) Isopropyl Alcohol	4.05	45	2316127	28.615	ppbv	100
20) Methylene Chloride	4.40	84	180292	3.730	ppbv	96
25) Ethyl Acetate	5.75	43	9133215	41.416	ppbv #	87
27) Carbon Disulfide	4.61	76	452076	3.476	ppbv	99
30) Cyclohexane	7.24	84	106648	1.338	ppbv	94
34) 2-Butanone	5.33	43	275370	2.038	ppbv	97
35) Carbon Tetrachloride	7.13	117	9747m	0.056	ppbv	
36) Benzene	7.00	78	36723m	0.185	ppbv	
38) Trichloroethene	7.95	130	13953m	0.190	ppbv	
43) Methyl Methacrylate	8.13	69	49528	0.679	ppbv	94
50) 4-Methyl-2-Pentanone	8.86	43	40777m	0.196	ppbv	
53) Toluene	9.94	91	6795627	31.771	ppbv	99
58) Ethyl Benzene	12.85	91	88839	0.263	ppbv	99
59) m/p-Xylene	13.11	91	176051m	0.596	ppbv	
60) o-Xylene	13.84	91	93240	0.313	ppbv	98
61) Styrene	13.68	104	31341m	0.156	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	61407	0.170	ppbv #	78
75) 1,3-Dichlorobenzene	17.15	146	72470	0.327	ppbv #	69
76) 1,4-Dichlorobenzene	17.30	146	29506m	0.140	ppbv	

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

