

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033782.D
 Acq On : 23 May 2019 20:46
 Operator : SY/AP
 Sample : K2929-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3001-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:40 AM

Quant Time: May 24 05:51:28 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	944103	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2476651	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2408635	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1999740	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	41714	0.210	ppbv	100
3) Chlorodifluoromethane	3.01	51	28070m	0.260	ppbv	
4) Chloromethane	3.17	50	27593	0.446	ppbv	97
9) Propene	3.03	41	404257	8.789	ppbv	94
10) Heptane	8.24	43	382850	2.939	ppbv	99
11) Trichlorofluoromethane	4.00	101	66954	0.353	ppbv	91
13) Ethanol	3.66	45	363579	24.455	ppbv	99
15) Acetone	3.89	43	4432875	33.842	ppbv	98
17) tert-Butyl alcohol	4.37	59	37342m	0.353	ppbv	
20) Methylene Chloride	4.41	84	116997	2.320	ppbv	93
26) Hexane	5.78	57	492113	4.975	ppbv	84
27) Carbon Disulfide	4.62	76	139294	1.026	ppbv #	92
30) Cyclohexane	7.24	84	44724m	0.538	ppbv	
34) 2-Butanone	5.33	43	320168	2.086	ppbv	99
35) Carbon Tetrachloride	7.13	117	10301m	0.052	ppbv	
36) Benzene	6.99	78	343429	1.524	ppbv	95
38) Trichloroethene	7.95	130	2926m	0.035	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	178842	0.470	ppbv #	74
50) 4-Methyl-2-Pentanone	8.88	43	35721	0.151	ppbv	97
52) Tetrachloroethene	11.36	164	24400m	0.308	ppbv	
53) Toluene	9.94	91	5489751	22.592	ppbv	98
58) Ethyl Benzene	12.86	91	1269956	3.982	ppbv	99
59) m/p-Xylene	13.11	91	4165232	14.939	ppbv	97
60) o-Xylene	13.84	91	1388523	4.940	ppbv	97
61) Styrene	13.68	104	39222	0.207	ppbv	96
62) Isopropylbenzene	14.81	105	83907	0.222	ppbv	97
64) n-propylbenzene	15.71	120	67305m	0.687	ppbv	
70) n-Butylbenzene	18.72	91	76993m	0.180	ppbv	
72) 4-Ethyltoluene	15.99	105	365037	1.136	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	249747	0.796	ppbv	99
74) 1,2,4-Trimethylbenzene	16.91	105	896892	2.628	ppbv #	73
75) 1,3-Dichlorobenzene	17.15	146	29466m	0.141	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	22014m	0.111	ppbv	
79) Naphthalene	22.41	128	82447m	0.260	ppbv	

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

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