

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033778.D
 Acq On : 23 May 2019 18:07
 Operator : SY/AP
 Sample : K2929-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3003-55

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:31 AM

Quant Time: May 24 05:28:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 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	893044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2332098	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2412515	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1907974	9.76	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35604	0.189	ppbv	98
3) Chlorodifluoromethane	3.01	51	22607m	0.221	ppbv	
4) Chloromethane	3.17	50	13197	0.226	ppbv	95
9) Propene	3.03	41	2258160	51.900	ppbv	93
10) Heptane	8.24	43	1003620	8.146	ppbv	99
11) Trichlorofluoromethane	4.00	101	80806	0.450	ppbv	96
13) Ethanol	3.65	45	439993	31.287	ppbv	99
15) Acetone	3.89	43	8501229	68.611	ppbv #	85
17) tert-Butyl alcohol	4.36	59	310343	3.097	ppbv #	94
20) Methylene Chloride	4.41	84	11245m	0.236	ppbv	
26) Hexane	5.78	57	761213	8.135	ppbv #	56
27) Carbon Disulfide	4.62	76	610285	4.754	ppbv	99
29) Chloroform	5.85	83	124814	0.724	ppbv	93
30) Cyclohexane	7.25	84	121739m	1.548	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	20645m	0.120	ppbv	
34) 2-Butanone	5.32	43	1098572	7.600	ppbv	98
35) Carbon Tetrachloride	7.13	117	5928m	0.032	ppbv	
36) Benzene	7.00	78	1050854	4.954	ppbv	97
38) Trichloroethene	7.95	130	3698m	0.047	ppbv	
41) Tetrahydrofuran	6.15	42	34254	0.423	ppbv	91
44) 2,2,4-Trimethylpentane	7.98	57	486517	1.357	ppbv #	76
50) 4-Methyl-2-Pentanone	8.87	43	299940	1.349	ppbv	98
51) 2-Hexanone	10.26	43	246290	1.419	ppbv #	76
52) Tetrachloroethene	11.36	164	19267m	0.258	ppbv	
53) Toluene	9.94	91	9422938	41.182	ppbv	96
58) Ethyl Benzene	12.86	91	2282266	7.144	ppbv	98
59) m/p-Xylene	13.12	91	6646172	23.798	ppbv	96
60) o-Xylene	13.84	91	2120872	7.533	ppbv	97
61) Styrene	13.68	104	47600	0.251	ppbv #	87
62) Isopropylbenzene	14.81	105	127180m	0.335	ppbv	
64) n-propylbenzene	15.72	120	98856m	1.008	ppbv	
65) tert-Butylbenzene	16.92	119	139785	0.404	ppbv #	68
67) sec-Butylbenzene	17.46	105	36079m	0.074	ppbv	
70) n-Butylbenzene	18.73	91	127524m	0.297	ppbv	
72) 4-Ethyltoluene	15.99	105	539640	1.676	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	360865	1.149	ppbv	95
74) 1,2,4-Trimethylbenzene	16.92	105	1289768	3.773	ppbv #	74
76) 1,4-Dichlorobenzene	17.31	146	19544m	0.098	ppbv	
79) Naphthalene	22.41	128	101200m	0.319	ppbv	

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

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