

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033791.D
 Acq On : 24 May 2019 2:44
 Operator : SY/AP
 Sample : K2929-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:55 AM

Quant Time: May 24 07:26:52 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	5.77	49	873973	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2310228	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2376762	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1865440	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35725m	0.194	ppbv	
3) Chlorodifluoromethane	3.01	51	45586m	0.455	ppbv	
4) Chloromethane	3.17	50	10576	0.185	ppbv	89
9) Propene	3.03	41	3022179	70.975	ppbv	93
10) Heptane	8.24	43	1000032	8.294	ppbv	99
11) Trichlorofluoromethane	4.00	101	144000	0.819	ppbv	95
13) Ethanol	3.65	45	486878	35.377	ppbv	99
15) Acetone	3.90	43	11677461	96.302	ppbv #	83
17) tert-Butyl alcohol	4.36	59	296461	3.023	ppbv	96
20) Methylene Chloride	4.41	84	44393	0.951	ppbv #	91
26) Hexane	5.78	57	808081	8.824	ppbv #	69
27) Carbon Disulfide	4.62	76	675694	5.378	ppbv	100
29) Chloroform	5.85	83	194420	1.153	ppbv	96
30) Cyclohexane	7.24	84	114027	1.481	ppbv #	88
34) 2-Butanone	5.33	43	1720800	12.017	ppbv	98
36) Benzene	7.00	78	1060972	5.049	ppbv	96
38) Trichloroethene	7.96	130	2085m	0.027	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	409339	1.153	ppbv #	69
50) 4-Methyl-2-Pentanone	8.87	43	308558	1.401	ppbv	97
51) 2-Hexanone	10.26	43	259997	1.512	ppbv #	77
52) Tetrachloroethene	11.38	164	22064m	0.299	ppbv	
53) Toluene	9.94	91	9141111	40.329	ppbv	97
58) Ethyl Benzene	12.86	91	1879894	5.973	ppbv	100
59) m/p-Xylene	13.12	91	5569342	20.242	ppbv	95
60) o-Xylene	13.84	91	1851880	6.677	ppbv	98
61) Styrene	13.68	104	53021	0.284	ppbv	96
62) Isopropylbenzene	14.82	105	110872	0.297	ppbv	99
64) n-propylbenzene	15.71	120	88092	0.912	ppbv	98
70) n-Butylbenzene	18.74	91	97628m	0.231	ppbv	
72) 4-Ethyltoluene	15.99	105	451075	1.422	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	283617	0.917	ppbv	100
74) 1,2,4-Trimethylbenzene	16.92	105	1006809	2.990	ppbv #	75
75) 1,3-Dichlorobenzene	17.16	146	30704m	0.149	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	24727	0.126	ppbv	83
79) Naphthalene	22.41	128	75495m	0.241	ppbv	

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

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