

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033786.D
 Acq On : 23 May 2019 23:24
 Operator : SY/AP
 Sample : K2929-14
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:46 AM

Quant Time: May 24 07:13:49 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	901510	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2345357	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2328912	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1906464	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	39539	0.208	ppbv	97
3) Chlorodifluoromethane	3.01	51	197077m	1.908	ppbv	
4) Chloromethane	3.16	50	20409m	0.346	ppbv	
9) Propene	3.04	41	2141164	48.749	ppbv	94
10) Heptane	8.24	43	157488	1.266	ppbv	100
11) Trichlorofluoromethane	4.00	101	44946	0.248	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	106271	0.839	ppbv	98
13) Ethanol	3.67	45	698682	49.216	ppbv	99
15) Acetone	3.89	43	9787130	78.247	ppbv #	87
17) tert-Butyl alcohol	4.37	59	204971	2.027	ppbv	97
20) Methylene Chloride	4.41	84	373596	7.758	ppbv	98
26) Hexane	5.78	57	419820	4.444	ppbv #	50
27) Carbon Disulfide	4.62	76	147630	1.139	ppbv	97
29) Chloroform	5.85	83	108831	0.625	ppbv	92
30) Cyclohexane	7.25	84	32487	0.409	ppbv #	70
32) 1,1,1-Trichloroethane	6.62	97	8884m	0.051	ppbv	
34) 2-Butanone	5.33	43	1304588	8.974	ppbv	98
35) Carbon Tetrachloride	7.14	117	6527m	0.035	ppbv	
36) Benzene	7.00	78	231940	1.087	ppbv	97
38) Trichloroethene	7.96	130	18430m	0.233	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	60630	0.168	ppbv #	63
50) 4-Methyl-2-Pentanone	8.87	43	74265	0.332	ppbv	98
51) 2-Hexanone	10.27	43	197945	1.134	ppbv #	98
52) Tetrachloroethene	11.36	164	38851m	0.518	ppbv	
53) Toluene	9.94	91	3489463	15.164	ppbv	99
58) Ethyl Benzene	12.86	91	296716	0.962	ppbv	97
59) m/p-Xylene	13.12	91	888285	3.295	ppbv	97
60) o-Xylene	13.84	91	313034	1.152	ppbv	98
61) Styrene	13.68	104	37219	0.203	ppbv	92
62) Isopropylbenzene	14.81	105	23808m	0.065	ppbv	
64) n-propylbenzene	15.72	120	23215m	0.245	ppbv	
70) n-Butylbenzene	18.73	91	99390	0.240	ppbv #	88
72) 4-Ethyltoluene	15.99	105	101778	0.328	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.15	105	64878	0.214	ppbv	98
74) 1,2,4-Trimethylbenzene	16.92	105	225580	0.684	ppbv #	76
75) 1,3-Dichlorobenzene	17.15	146	45628m	0.226	ppbv	
79) Naphthalene	22.41	128	51554m	0.168	ppbv	

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

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