

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033784.D
 Acq On : 23 May 2019 22:05
 Operator : SY/AP
 Sample : K2929-18
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-55

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:42 AM

Quant Time: May 24 06:09:01 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	947023	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2397704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2409179	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1893730	9.70	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	31927	0.160	ppbv	97
3) Chlorodifluoromethane	3.01	51	26641m	0.246	ppbv	
4) Chloromethane	3.17	50	9706	0.156	ppbv	92
9) Propene	3.03	41	1889387	40.949	ppbv	94
10) Heptane	8.24	43	189042	1.447	ppbv	99
11) Trichlorofluoromethane	4.00	101	53074	0.279	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	12973	0.098	ppbv	99
13) Ethanol	3.65	45	200562	13.449	ppbv	98
15) Acetone	3.89	43	14418526	109.735	ppbv #	76
17) tert-Butyl alcohol	4.36	59	285023	2.683	ppbv	96
19) Isopropyl Alcohol	4.03	45	73490	0.867	ppbv #	94
20) Methylene Chloride	4.41	84	58111	1.149	ppbv	97
26) Hexane	5.77	57	216833	2.185	ppbv #	35
27) Carbon Disulfide	4.62	76	232941	1.711	ppbv	97
29) Chloroform	5.85	83	66065	0.361	ppbv	96
30) Cyclohexane	7.25	84	19096m	0.229	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	18661m	0.102	ppbv	
34) 2-Butanone	5.33	43	1896549	12.761	ppbv	99
36) Benzene	7.00	78	253197	1.161	ppbv	94
44) 2,2,4-Trimethylpentane	7.99	57	77498	0.210	ppbv #	56
50) 4-Methyl-2-Pentanone	8.87	43	74489	0.326	ppbv	100
51) 2-Hexanone	10.26	43	318197	1.783	ppbv #	98
52) Tetrachloroethene	11.36	164	40510	0.528	ppbv	98
53) Toluene	9.94	91	2085621	8.866	ppbv	99
58) Ethyl Benzene	12.86	91	552454	1.732	ppbv	97
59) m/p-Xylene	13.11	91	1799857	6.454	ppbv	98
60) o-Xylene	13.84	91	603746	2.148	ppbv	97
61) Styrene	13.68	104	23257	0.123	ppbv #	90
62) Isopropylbenzene	14.81	105	41261m	0.109	ppbv	
64) n-propylbenzene	15.72	120	44738m	0.457	ppbv	
70) n-Butylbenzene	18.74	91	177236m	0.413	ppbv	
72) 4-Ethyltoluene	15.99	105	222120	0.691	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.15	105	146234	0.466	ppbv	87
74) 1,2,4-Trimethylbenzene	16.92	105	502418	1.472	ppbv #	74
75) 1,3-Dichlorobenzene	17.16	146	62375	0.298	ppbv #	61
79) Naphthalene	22.42	128	45513m	0.144	ppbv	

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

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