

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033917.D
 Acq On : 14 Jun 2019 4:10
 Operator : SY/AP
 Sample : K3367-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2-2NDFLR

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 8:59:24 AM

Quant Time: Jun 16 18:11:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	930791	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2087829	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2060971	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1752937	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	58092	0.385	ppbv	90
3) Chlorodifluoromethane	3.01	51	61380m	0.560	ppbv	
4) Chloromethane	3.16	50	34356	0.550	ppbv	92
9) Propene	3.04	41	99267m	2.421	ppbv	
10) Heptane	8.24	43	23223m	0.224	ppbv	
11) Trichlorofluoromethane	4.00	101	41404	0.212	ppbv	85
13) Ethanol	3.67	45	13602906	1019.710	ppbv	99
15) Acetone	3.89	43	1971743	14.525	ppbv	99
19) Isopropyl Alcohol	4.05	45	341941	4.409	ppbv #	1
20) Methylene Chloride	4.40	84	39499m	0.746	ppbv	
25) Ethyl Acetate	5.76	43	244486	1.183	ppbv #	96
26) Hexane	5.76	57	78424	0.833	ppbv #	62
29) Chloroform	5.83	83	127267	0.789	ppbv	97
30) Cyclohexane	7.23	84	11826m	0.178	ppbv	
34) 2-Butanone	5.32	43	52084	0.442	ppbv	97
35) Carbon Tetrachloride	7.12	117	12077	0.075	ppbv #	80
36) Benzene	6.98	78	73659	0.462	ppbv #	91
44) 2,2,4-Trimethylpentane	7.98	57	110727	0.390	ppbv #	75
52) Tetrachloroethene	11.36	164	749935	13.364	ppbv	96
53) Toluene	9.93	91	498003	2.822	ppbv	100
58) Ethyl Benzene	12.85	91	40214	0.173	ppbv	99
59) m/p-Xylene	13.11	91	132290	0.626	ppbv	97
60) o-Xylene	13.83	91	52774	0.242	ppbv	99
72) 4-Ethyltoluene	15.98	105	59729m	0.241	ppbv	
73) 1,3,5-Trimethylbenzene	16.14	105	53520m	0.219	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	200502	0.711	ppbv #	69
76) 1,4-Dichlorobenzene	17.29	146	26663m	0.165	ppbv	

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

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