

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033956.D
 Acq On : 25 Jun 2019 3:55
 Operator : SY/AP
 Sample : K3474-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:56 AM

Quant Time: Jun 25 05:19:27 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	5.74	49	865777	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2054886	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2466638	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	1896155	9.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	52842	0.376	ppbv	99
3) Chlorodifluoromethane	3.00	51	60669m	0.595	ppbv	
4) Chloromethane	3.16	50	31974	0.550	ppbv	91
7) Chloroethane	3.59	64	13531	0.634	ppbv #	82
9) Propene	3.03	41	82879	2.173	ppbv	91
10) Heptane	8.22	43	20833m	0.216	ppbv	
11) Trichlorofluoromethane	3.99	101	84842	0.468	ppbv	88
13) Ethanol	3.64	45	1778899	143.365	ppbv	97
15) Acetone	3.88	43	2041998	16.172	ppbv	93
17) tert-Butyl alcohol	4.35	59	152069	1.541	ppbv	99
18) 1,1-Dichloroethene	4.34	96	153045	2.958	ppbv	97
19) Isopropyl Alcohol	4.02	45	1699025	23.554	ppbv #	99
20) Methylene Chloride	4.40	84	89803	1.824	ppbv #	89
24) 1,1-Dichloroethane	5.07	63	205873	1.803	ppbv	98
26) Hexane	5.76	57	98749	1.128	ppbv #	46
32) 1,1,1-Trichloroethane	6.60	97	127343	0.880	ppbv	97
34) 2-Butanone	5.31	43	454083	3.917	ppbv	100
36) Benzene	6.98	78	20414	0.130	ppbv	95
41) Tetrahydrofuran	6.12	42	501791	8.528	ppbv	98
44) 2,2,4-Trimethylpentane	7.97	57	77297	0.277	ppbv #	24
50) 4-Methyl-2-Pentanone	8.85	43	44645	0.258	ppbv	98
51) 2-Hexanone	10.25	43	24730	0.183	ppbv #	90
53) Toluene	9.92	91	610863	3.517	ppbv	99
58) Ethyl Benzene	12.83	91	171123m	0.615	ppbv	
59) m/p-Xylene	13.09	91	485977	1.922	ppbv	99
60) o-Xylene	13.82	91	232883	0.892	ppbv	99
72) 4-Ethyltoluene	15.97	105	62490m	0.210	ppbv	
73) 1,3,5-Trimethylbenzene	16.13	105	51055m	0.174	ppbv	
74) 1,2,4-Trimethylbenzene	16.90	105	206435	0.612	ppbv #	69
79) Naphthalene	22.39	128	36953m	0.137	ppbv	
80) Naphthalene,2-methyl-	25.09	142	4652	0.043	ppbv #	75
81) 1,2,4-Trichlorobenzene	21.66	180	95751	0.562	ppbv #	25

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

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