

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033400.D
 Acq On : 20 Mar 2019 21:46
 Operator : SY/AP
 Sample : K1975-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:33 AM

Quant Time: Mar 22 05:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	808676	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2274334	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2163463	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1623538	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	63443	0.446	ppbv	99
3) Chlorodifluoromethane	3.01	51	54468m	0.587	ppbv	
4) Chloromethane	3.17	50	33912	0.675	ppbv	93
9) Propene	3.05	41	118715m	2.865	ppbv	
10) Heptane	8.25	43	2717545	26.443	ppbv	99
11) Trichlorofluoromethane	4.00	101	86792	0.613	ppbv	88
13) Ethanol	3.67	45	5349271	270.813	ppbv	99
15) Acetone	3.90	43	26563006	211.308	ppbv #	82
20) Methylene Chloride	4.42	84	212625	5.186	ppbv #	88
26) Hexane	5.79	57	4629023	56.664	ppbv #	40
30) Cyclohexane	7.26	84	1129482	17.245	ppbv	94
34) 2-Butanone	5.33	43	2210806	14.802	ppbv	100
36) Benzene	7.01	78	2579431	12.673	ppbv	99
38) Trichloroethene	7.97	130	101905	1.323	ppbv	94
44) 2,2,4-Trimethylpentane	8.00	57	5557739	16.486	ppbv #	82
52) Tetrachloroethene	11.43	164	24611541	290.244	ppbv	87
53) Toluene	9.97	91	25345566	109.588	ppbv #	81
58) Ethyl Benzene	12.87	91	2719043	8.884	ppbv	99
59) m/p-Xylene	13.13	91	7690286	29.239	ppbv #	100
60) o-Xylene	13.86	91	3058907	11.921	ppbv	98
62) Isopropylbenzene	14.83	105	294201	0.825	ppbv	100
64) n-propylbenzene	15.73	120	271228	3.005	ppbv	99
67) sec-Butylbenzene	17.46	105	126770m	0.279	ppbv	
70) n-Butylbenzene	18.72	91	523386m	1.320	ppbv	
72) 4-Ethyltoluene	16.00	105	1496028	5.134	ppbv	99
73) 1,3,5-Trimethylbenzene	16.16	105	1267971	4.467	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	4516588	15.023	ppbv #	70
79) Naphthalene	22.42	128	785649m	2.712	ppbv	
80) Naphthalene,2-methyl-	25.11	142	198172m	1.443	ppbv	

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

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