

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032191.D
 Acq On : 2 Jul 2018 21:08
 Operator : SY/AP
 Sample : J3753-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:18 PM

Quant Time: Jul 03 15:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1405494	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3722379	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	3275773	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2416176	9.65	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	36943	0.20	ppbv	90
3) Chlorodifluoromethane	3.07	51	70510m	0.41	ppbv	
4) Chloromethane	3.22	50	23144	0.25	ppbv	97
7) Chloroethane	3.66	64	44755	1.37	ppbv #	87
9) Propene	3.10	41	142298	1.78	ppbv	92
10) Heptane	8.34	43	238194	1.02	ppbv	99
11) Trichlorofluoromethane	4.07	101	69423	0.35	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.63	101	254943	1.91	ppbv	91
13) Ethanol	3.74	45	9135964m	376.53	ppbv	
15) Acetone	3.97	43	6754964	41.10	ppbv	99
17) tert-Butyl alcohol	4.46	59	877960	8.39	ppbv	97
18) 1,1-Dichloroethene	4.42	96	101360	1.59	ppbv	98
19) Isopropyl Alcohol	4.13	45	5944438m	43.53	ppbv	
20) Methylene Chloride	4.49	84	98992	1.65	ppbv	97
22) trans-1,2-Dichloroethene	5.04	96	83066	1.25	ppbv	97
24) 1,1-Dichloroethane	5.17	63	2148837	11.26	ppbv	98
26) Hexane	5.86	57	241184	1.54	ppbv #	77
30) Cyclohexane	7.34	84	89183	0.60	ppbv	97
31) cis-1,2-Dichloroethene	5.73	61	16396	0.10	ppbv #	85
32) 1,1,1-Trichloroethane	6.71	97	14654801	61.34	ppbv	93
34) 2-Butanone	5.41	43	1387588	5.87	ppbv	100
36) Benzene	7.10	78	166997	0.46	ppbv	97
41) Tetrahydrofuran	6.24	42	84187m	0.59	ppbv	
44) 2,2,4-Trimethylpentane	8.09	57	1463609	2.32	ppbv	96
50) 4-Methyl-2-Pentanone	8.97	43	223898	0.58	ppbv	99
52) Tetrachloroethene	11.47	164	15446m	0.12	ppbv	
53) Toluene	10.04	91	1845948	4.24	ppbv	100
58) Ethyl Benzene	12.97	91	601334	1.14	ppbv	93
59) m/p-Xylene	13.22	91	1770188	4.18	ppbv	97
60) o-Xylene	13.95	91	712877	1.69	ppbv	97
61) Styrene	13.79	104	46389	0.13	ppbv #	88
69) p-Isopropyltoluene	17.92	119	1590043	2.37	ppbv	96
72) 4-Ethyltoluene	16.10	105	237253	0.44	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.26	105	192788	0.38	ppbv	98
74) 1,2,4-Trimethylbenzene	17.03	105	818725	1.58	ppbv #	71
79) Naphthalene	22.54	128	119129m	0.25	ppbv	
80) Naphthalene,2-methyl-	25.19	142	51005	0.30	ppbv #	93

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

