

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032240.D
 Acq On : 13 Jul 2018 6:57
 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
 7/13/2018 5:22:20 PM

Quant Time: Jul 13 07:26:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1721277	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3770718	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4392029	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3382585	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	43643	0.18	ppbv	90
3) Chlorodifluoromethane	3.06	51	83361m	0.39	ppbv	
4) Chloromethane	3.22	50	27090	0.23	ppbv	94
7) Chloroethane	3.66	64	53584	1.31	ppbv	100
9) Propene	3.09	41	171746	1.90	ppbv	93
10) Heptane	8.33	43	242944	0.95	ppbv	99
11) Trichlorofluoromethane	4.07	101	79753	0.34	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.62	101	285298	1.88	ppbv	97
13) Ethanol	3.74	45	12312757	473.08	ppbv	98
15) Acetone	3.96	43	7695792	38.53	ppbv	98
17) tert-Butyl alcohol	4.46	59	1112372	11.93	ppbv	98
18) 1,1-Dichloroethene	4.42	96	118448	1.68	ppbv	98
19) Isopropyl Alcohol	4.12	45	7381046	56.28	ppbv	99
20) Methylene Chloride	4.48	84	160086	2.37	ppbv	95
22) trans-1,2-Dichloroethene	5.04	96	88784	1.32	ppbv	98
24) 1,1-Dichloroethane	5.16	63	2524789	10.82	ppbv	98
26) Hexane	5.86	57	335831	1.86	ppbv #	72
30) Cyclohexane	7.33	84	83855	0.53	ppbv	89
31) cis-1,2-Dichloroethene	5.72	61	26158	0.15	ppbv #	79
32) 1,1,1-Trichloroethane	6.70	97	15188168	56.23	ppbv	95
34) 2-Butanone	5.41	43	1690792	6.58	ppbv	99
36) Benzene	7.09	78	167170	0.45	ppbv #	90
41) Tetrahydrofuran	6.23	42	118183m	0.82	ppbv	
42) Bromodichloromethane	8.01	83	7160	0.02	ppbv #	36
44) 2,2,4-Trimethylpentane	8.08	57	1569881	2.44	ppbv	95
50) 4-Methyl-2-Pentanone	8.96	43	317067	0.71	ppbv	92
52) Tetrachloroethene	11.47	164	19964m	0.14	ppbv	
53) Toluene	10.04	91	2303666	5.20	ppbv	100
57) Chlorobenzene	12.39	112	49225m	0.13	ppbv	
58) Ethyl Benzene	12.96	91	738791	1.16	ppbv	100
59) m/p-Xylene	13.21	91	2257582m	4.29	ppbv	
60) o-Xylene	13.94	91	890041	1.71	ppbv	99
61) Styrene	13.78	104	59811m	0.15	ppbv	
62) Isopropylbenzene	14.92	105	61959m	0.09	ppbv	
69) p-Isopropyltoluene	17.91	119	1819204	2.62	ppbv	99
70) n-Butylbenzene	18.81	91	89064m	0.12	ppbv	
72) 4-Ethyltoluene	16.10	105	292636	0.50	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	234630	0.43	ppbv	99
74) 1,2,4-Trimethylbenzene	17.02	105	963368	1.74	ppbv #	74
79) Naphthalene	22.52	128	153274m	0.41	ppbv	
80) Naphthalene,2-methyl-	25.18	142	59144	0.50	ppbv	94

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QLast Update : Fri Jul 13 04:25:14 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

