

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032723.D
 Acq On : 7 Nov 2018 19:00
 Operator : SY/AP
 Sample : J5823-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-03

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:10 PM

Quant Time: Nov 12 01:23:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1420107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3517614	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3425277	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2584426	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	36748	0.254	ppbv	99
3) Chlorodifluoromethane	3.02	51	47026m	0.423	ppbv	
4) Chloromethane	3.18	50	27719	0.447	ppbv	95
9) Propene	3.05	41	184743	4.042	ppbv	89
10) Heptane	8.26	43	68172	0.387	ppbv	90
11) Trichlorofluoromethane	4.01	101	43761	0.232	ppbv	90
13) Ethanol	3.66	45	81577	6.245	ppbv	97
15) Acetone	3.91	43	498479	3.801	ppbv	93
19) Isopropyl Alcohol	4.04	45	58589	0.627	ppbv #	1
20) Methylene Chloride	4.42	84	64742	0.973	ppbv	95
26) Hexane	5.79	57	274675	1.923	ppbv #	48
30) Cyclohexane	7.26	84	25456m	0.225	ppbv	
34) 2-Butanone	5.35	43	82957	0.440	ppbv	96
35) Carbon Tetrachloride	7.14	117	20448m	0.082	ppbv	
36) Benzene	7.02	78	516526	1.808	ppbv	98
44) 2,2,4-Trimethylpentane	8.00	57	749803	1.538	ppbv #	91
52) Tetrachloroethene	11.38	164	20684m	0.208	ppbv	
53) Toluene	9.96	91	4276125	13.059	ppbv	99
58) Ethyl Benzene	12.88	91	422509	1.062	ppbv	94
59) m/p-Xylene	13.13	91	1552690	4.382	ppbv	99
60) o-Xylene	13.86	91	581651	1.702	ppbv	98
61) Styrene	13.70	104	36673m	0.160	ppbv	
64) n-propylbenzene	15.74	120	13516m	0.112	ppbv	
72) 4-Ethyltoluene	16.01	105	152614	0.419	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.17	105	120184m	0.339	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	530209	1.400	ppbv #	76
79) Naphthalene	22.43	128	42466m	0.180	ppbv	

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

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