

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032733.D
 Acq On : 8 Nov 2018 1:38
 Operator : SY/AP
 Sample : J5823-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-03

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:22 PM

Quant Time: Nov 12 03:32:18 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	1344812	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3407245	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3552100	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2599039	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35091m	0.256	ppbv	
3) Chlorodifluoromethane	3.02	51	28613m	0.272	ppbv	
4) Chloromethane	3.18	50	39556	0.673	ppbv	96
9) Propene	3.04	41	164167	3.793	ppbv	90
10) Heptane	8.26	43	184981	1.109	ppbv	98
11) Trichlorofluoromethane	4.01	101	44498	0.249	ppbv	86
13) Ethanol	3.69	45	15500023	1253.006	ppbv	100
15) Acetone	3.90	43	1739664m	14.009	ppbv	
17) tert-Butyl alcohol	4.41	59	838074m	22.947	ppbv	
19) Isopropyl Alcohol	4.07	45	3096226	35.010	ppbv #	96
20) Methylene Chloride	4.42	84	64471	1.023	ppbv	93
26) Hexane	5.79	57	317544	2.348	ppbv #	59
30) Cyclohexane	7.26	84	55656m	0.520	ppbv	
34) 2-Butanone	5.34	43	302144	1.654	ppbv	99
35) Carbon Tetrachloride	7.14	117	21767m	0.090	ppbv	
36) Benzene	7.01	78	1065954	3.853	ppbv	98
44) 2,2,4-Trimethylpentane	8.00	57	1553022	3.288	ppbv	93
52) Tetrachloroethene	11.38	164	23247m	0.241	ppbv	
53) Toluene	9.96	91	7672276	24.190	ppbv	99
58) Ethyl Benzene	12.87	91	1042748	2.527	ppbv	97
59) m/p-Xylene	13.13	91	3256599	8.862	ppbv	99
60) o-Xylene	13.86	91	1189519	3.356	ppbv	99
61) Styrene	13.70	104	78170	0.329	ppbv	97
64) n-propylbenzene	15.74	120	34005	0.273	ppbv	90
72) 4-Ethyltoluene	16.01	105	284763	0.754	ppbv	98
73) 1,3,5-Trimethylbenzene	16.17	105	211603	0.575	ppbv	100
74) 1,2,4-Trimethylbenzene	16.94	105	862314	2.196	ppbv #	78
79) Naphthalene	22.44	128	32126m	0.132	ppbv	

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

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