

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032931.D
 Acq On : 7 Dec 2018 12:34
 Operator : SY/AP
 Sample : J6176-03 1.2X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-08

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:08:40 AM

Quant Time: Dec 08 03:14:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1061163	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2691054	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2652258	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1972956	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	23812	0.168	ppbv	98
3) Chlorodifluoromethane	3.02	51	32231m	0.401	ppbv	
4) Chloromethane	3.17	50	16082	0.344	ppbv	97
9) Propene	3.04	41	403304	12.691	ppbv	97
10) Heptane	8.25	43	23487	0.197	ppbv	91
11) Trichlorofluoromethane	4.00	101	35795m	0.268	ppbv	
13) Ethanol	3.66	45	399600	36.522	ppbv	97
15) Acetone	3.90	43	2875122	31.566	ppbv #	77
20) Methylene Chloride	4.42	84	240848	5.410	ppbv	97
26) Hexane	5.79	57	500355	5.037	ppbv #	43
27) Carbon Disulfide	4.62	76	62829	0.506	ppbv #	82
29) Chloroform	5.86	83	23567	0.133	ppbv #	84
34) 2-Butanone	5.33	43	10125214	86.380	ppbv	96
35) Carbon Tetrachloride	7.14	117	16462	0.078	ppbv	95
36) Benzene	7.01	78	37810	0.191	ppbv #	89
38) Trichloroethene	7.97	130	9195m	0.112	ppbv	
51) 2-Hexanone	10.27	43	988153	7.773	ppbv #	99
52) Tetrachloroethene	11.37	164	13882m	0.193	ppbv	
53) Toluene	9.95	91	149848	0.714	ppbv	99
58) Ethyl Benzene	12.87	91	53402m	0.189	ppbv	
59) m/p-Xylene	13.13	91	106798m	0.416	ppbv	
60) o-Xylene	13.86	91	59096m	0.228	ppbv	
61) Styrene	13.70	104	36521	0.212	ppbv #	91
69) p-Isopropyltoluene	17.82	119	42108m	0.105	ppbv	
72) 4-Ethyltoluene	16.00	105	35449m	0.123	ppbv	
73) 1,3,5-Trimethylbenzene	16.17	105	27775	0.098	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	70352	0.221	ppbv #	72
79) Naphthalene	22.42	128	25825m	0.125	ppbv	

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

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