

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032937.D
 Acq On : 7 Dec 2018 16:33
 Operator : SY/AP
 Sample : J6262-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:08:59 AM

Quant Time: Dec 10 20:08:30 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	1229728	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3256281	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3098625	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2472176	10.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.00%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	30244	0.184	ppbv	99
3) Chlorodifluoromethane	3.02	51	1457859	15.654	ppbv	98
4) Chloromethane	3.17	50	36505	0.673	ppbv	99
9) Propene	3.04	41	215142	5.842	ppbv	84
10) Heptane	8.25	43	80216	0.580	ppbv	91
11) Trichlorofluoromethane	4.01	101	50280	0.325	ppbv	96
13) Ethanol	3.68	45	8659400	682.954	ppbv	96
15) Acetone	3.90	43	5029194	47.647	ppbv	96
19) Isopropyl Alcohol	4.06	45	13228476	199.566	ppbv #	97
20) Methylene Chloride	4.42	84	98991	1.919	ppbv	91
25) Ethyl Acetate	5.76	43	8735545	35.035	ppbv #	87
27) Carbon Disulfide	4.63	76	18994	0.132	ppbv #	70
29) Chloroform	5.86	83	246945	1.202	ppbv	91
30) Cyclohexane	7.26	84	33632m	0.352	ppbv	
31) cis-1,2-Dichloroethene	5.65	61	78252	0.741	ppbv	95
34) 2-Butanone	5.34	43	267239	1.884	ppbv	98
35) Carbon Tetrachloride	7.15	117	22122m	0.086	ppbv	
36) Benzene	7.01	78	572139	2.389	ppbv	99
38) Trichloroethene	7.97	130	152597	1.531	ppbv	94
43) Methyl Methacrylate	8.15	69	24955m	0.281	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	250318	0.616	ppbv #	85
52) Tetrachloroethene	11.38	164	602632	6.917	ppbv	99
53) Toluene	9.95	91	1087790	4.282	ppbv	99
58) Ethyl Benzene	12.88	91	101833m	0.308	ppbv	
59) m/p-Xylene	13.13	91	318662m	1.063	ppbv	
60) o-Xylene	13.86	91	120600	0.398	ppbv	99
61) Styrene	13.70	104	61985	0.308	ppbv	96
69) p-Isopropyltoluene	17.82	119	275848	0.590	ppbv	96
72) 4-Ethyltoluene	16.00	105	59524	0.176	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.16	105	72220	0.219	ppbv	87
74) 1,2,4-Trimethylbenzene	16.93	105	217960	0.585	ppbv #	66
76) 1,4-Dichlorobenzene	17.31	146	31583m	0.154	ppbv	
79) Naphthalene	22.43	128	29207m	0.121	ppbv	

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

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