

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032334.D
 Acq On : 1 Aug 2018 22:36
 Operator : SY/AP
 Sample : J4235-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CUBICLE-I630

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 2:04:59 PM

Quant Time: Aug 02 12:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1814898	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.36	114	3732739	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	4305422	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3441363	10.30	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	50176	0.23	ppbv	99
3) Chlorodifluoromethane	3.05	51	78282m	0.43	ppbv	
4) Chloromethane	3.22	50	67349	0.61	ppbv	98
9) Propene	3.08	41	384384	4.71	ppbv	91
10) Heptane	8.32	43	116722m	0.41	ppbv	
11) Trichlorofluoromethane	4.05	101	57634	0.28	ppbv	86
13) Ethanol	3.70	45	4151079	177.03	ppbv	99
15) Acetone	3.95	43	2689577m	15.72	ppbv	
19) Isopropyl Alcohol	4.09	45	1186907m	10.40	ppbv	
20) Methylene Chloride	4.47	84	174114	2.53	ppbv	97
26) Hexane	5.84	57	739706	4.26	ppbv #	54
30) Cyclohexane	7.32	84	20840m	0.15	ppbv	
34) 2-Butanone	5.39	43	218709	0.91	ppbv	99
35) Carbon Tetrachloride	7.21	117	17830m	0.08	ppbv	
36) Benzene	7.07	78	85865	0.26	ppbv #	91
37) 1,2-Dichloroethane	6.48	62	155063	0.82	ppbv	99
41) Tetrahydrofuran	6.23	42	24021	0.18	ppbv #	84
44) 2,2,4-Trimethylpentane	8.06	57	106815	0.15	ppbv #	70
52) Tetrachloroethene	11.46	164	5078m	0.05	ppbv	
53) Toluene	10.03	91	554339	1.41	ppbv	99
58) Ethyl Benzene	12.94	91	123448m	0.23	ppbv	
59) m/p-Xylene	13.20	91	539731m	1.17	ppbv	
60) o-Xylene	13.93	91	231799m	0.51	ppbv	
61) Styrene	13.77	104	70374m	0.21	ppbv	
72) 4-Ethyltoluene	16.08	105	98185	0.19	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.23	105	95870m	0.19	ppbv	
74) 1,2,4-Trimethylbenzene	17.00	105	303315	0.58	ppbv #	72
79) Naphthalene	22.51	128	383160	0.84	ppbv	98

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

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