

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032274.D
 Acq On : 18 Jul 2018 23:49
 Operator : SY/AP
 Sample : J3454-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-7

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:53:18 PM

Quant Time: Jul 19 03:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1622245	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3564385	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4074401	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3213957	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	163612	0.59	ppbv	98
3) Chlorodifluoromethane	3.06	51	266718m	1.47	ppbv	
4) Chloromethane	3.23	50	67138	0.63	ppbv	99
9) Propene	3.10	41	55473	0.70	ppbv #	79
10) Heptane	8.33	43	104715	0.41	ppbv	99
11) Trichlorofluoromethane	4.07	101	62838	0.29	ppbv #	79
13) Ethanol	3.71	45	1536815	67.60	ppbv	98
15) Acetone	3.96	43	2232451	13.15	ppbv	98
19) Isopropyl Alcohol	4.10	45	332643	2.90	ppbv #	1
20) Methylene Chloride	4.48	84	446370	6.83	ppbv	96
26) Hexane	5.86	57	2820952	16.61	ppbv #	44
34) 2-Butanone	5.41	43	275698	1.13	ppbv	98
35) Carbon Tetrachloride	7.21	117	18746	0.08	ppbv #	75
36) Benzene	7.09	78	67294	0.19	ppbv	95
44) 2,2,4-Trimethylpentane	8.08	57	120686	0.20	ppbv #	76
51) 2-Hexanone	10.37	43	80675m	0.26	ppbv	
53) Toluene	10.04	91	426429	1.00	ppbv	99
58) Ethyl Benzene	12.95	91	153323m	0.27	ppbv	
59) m/p-Xylene	13.21	91	725649m	1.48	ppbv	
60) o-Xylene	13.94	91	311685	0.64	ppbv	99
61) Styrene	13.77	104	75713m	0.21	ppbv	
69) p-Isopropyltoluene	17.90	119	96613m	0.14	ppbv	
72) 4-Ethyltoluene	16.09	105	68725m	0.12	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	160569	0.28	ppbv #	74

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

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