

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035243.D
 Acq On : 29 Jul 2020 12:57
 Operator : SY/AP
 Sample : L3474-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1-VOA

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:10:43 PM

Quant Time: Jul 30 11:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1189746	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2810907	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2612754	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2140462	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	39040m	0.275	ppbv	
4) Chloromethane	3.10	50	50956	0.688	ppbv	92
9) Propene	2.98	41	148900m	3.243	ppbv	
11) Trichlorofluoromethane	3.92	101	100137	0.524	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	67246	0.496	ppbv	92
13) Ethanol	3.61	45	10192666	545.520	ppbv	97
15) Acetone	3.82	43	15409233	97.098	ppbv #	55
19) Isopropyl Alcohol	4.01	45	43999162m	420.383	ppbv	
20) Methylene Chloride	4.32	84	4557458	63.089	ppbv	93
26) Hexane	5.68	57	7819821	69.944	ppbv #	44
28) Methyl tert-Butyl Ether	5.01	73	626087	3.917	ppbv	99
29) Chloroform	5.75	83	6012892	32.067	ppbv	94
30) Cyclohexane	7.14	84	16173m	0.202	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	13653m	0.071	ppbv	
34) 2-Butanone	5.24	43	150494m	1.052	ppbv	
35) Carbon Tetrachloride	7.02	117	15984m	0.085	ppbv	
36) Benzene	6.90	78	35311m	0.181	ppbv	
38) Trichloroethene	7.85	130	3165m	0.039	ppbv	
41) Tetrahydrofuran	6.05	42	43149m	0.616	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	92398	0.268	ppbv #	76
52) Tetrachloroethene	11.26	164	5970m	0.080	ppbv	
53) Toluene	9.83	91	1540466	7.420	ppbv	99
58) Ethyl Benzene	12.75	91	78934m	0.285	ppbv	
59) m/p-Xylene	13.00	91	310037m	1.204	ppbv	
60) o-Xylene	13.73	91	81733m	0.318	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	32915m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	94789m	0.289	ppbv	
79) Naphthalene	22.27	128	29294m	0.112	ppbv	

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

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