

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035247.D
 Acq On : 29 Jul 2020 15:33
 Operator : SY/AP
 Sample : L3474-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VOA-HALLWAY

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:11:49 PM

Quant Time: Jul 30 11:13:16 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	1092417	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2634096	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2538724	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2131479	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	34411	0.264	ppbv	96
4) Chloromethane	3.10	50	40141	0.590	ppbv	97
9) Propene	2.98	41	155092m	3.679	ppbv	
10) Heptane	8.14	43	18706m	0.164	ppbv	
11) Trichlorofluoromethane	3.92	101	84104	0.479	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.46	101	56178	0.451	ppbv	100
13) Ethanol	3.61	45	15056487	877.631	ppbv	99
15) Acetone	3.82	43	15890106	109.050	ppbv #	53
19) Isopropyl Alcohol	4.01	45	50575533m	526.268	ppbv	
20) Methylene Chloride	4.33	84	1606157	24.215	ppbv	97
26) Hexane	5.68	57	8135333	79.249	ppbv #	45
28) Methyl tert-Butyl Ether	5.02	73	672777	4.585	ppbv	96
29) Chloroform	5.75	83	3563793	20.699	ppbv	99
30) Cyclohexane	7.13	84	12481m	0.170	ppbv	
32) 1,1,1-Trichloroethane	6.53	97	8588m	0.049	ppbv	
34) 2-Butanone	5.24	43	124897	0.932	ppbv	98
35) Carbon Tetrachloride	7.04	117	13120m	0.074	ppbv	
36) Benzene	6.89	78	35956m	0.196	ppbv	
38) Trichloroethene	7.86	130	4568m	0.060	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	165124m	0.512	ppbv	
52) Tetrachloroethene	11.25	164	9807m	0.140	ppbv	
53) Toluene	9.83	91	1500956	7.715	ppbv	99
58) Ethyl Benzene	12.75	91	102256	0.380	ppbv	97
59) m/p-Xylene	13.00	91	473503	1.892	ppbv	96
60) o-Xylene	13.73	91	110377m	0.442	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	30356m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	100880	0.316	ppbv #	73

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

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