

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035463.D
 Acq On : 19 Aug 2020 10:23
 Operator : SY/AP
 Sample : L3730-04DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AADUP

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:07:48 AM

Quant Time: Aug 20 03:19:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 1
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1048731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5000691	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4988964	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3613361	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	55067	0.283	ppbv	94
3) Chlorodifluoromethane	2.99	51	87286m	0.664	ppbv	
4) Chloromethane	3.14	50	36306	0.530	ppbv	96
9) Propene	3.02	41	73344	1.388	ppbv #	68
10) Heptane	8.14	43	16040	0.116	ppbv #	68
11) Trichlorofluoromethane	3.95	101	75172	0.246	ppbv	91
13) Ethanol	3.60	45	289342	14.942	ppbv	98
15) Acetone	3.85	43	1495356	12.388	ppbv #	82
17) tert-Butyl alcohol	4.31	59	15060	0.097	ppbv	94
19) Isopropyl Alcohol	3.97	45	258274	3.104	ppbv #	1
20) Methylene Chloride	4.35	84	1152803	11.837	ppbv #	64
26) Hexane	5.70	57	1042429	7.864	ppbv #	29
30) Cyclohexane	7.15	84	50732	0.345	ppbv #	62
34) 2-Butanone	5.26	43	75981	0.455	ppbv #	70
35) Carbon Tetrachloride	7.03	117	17028	0.064	ppbv	92
36) Benzene	6.90	78	54020	0.147	ppbv #	92
44) 2,2,4-Trimethylpentane	7.88	57	150179	0.313	ppbv	93
50) 4-Methyl-2-Pentanone	8.77	43	189728	0.792	ppbv #	83
52) Tetrachloroethene	11.24	164	13198m	0.059	ppbv	
53) Toluene	9.82	91	423643	0.896	ppbv	98
58) Ethyl Benzene	12.73	91	110771	0.184	ppbv	94
59) m/p-Xylene	12.99	91	350362	0.688	ppbv #	84
60) o-Xylene	13.71	91	106181	0.215	ppbv	86
61) Styrene	13.55	104	68474m	0.171	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	79419	0.121	ppbv #	70

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

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