

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036971.D
 Acq On : 18 May 2021 16:24
 Operator : SY/AP
 Sample : M2430-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:55:36 PM

Quant Time: May 20 15:52:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1343051	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3703330	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3425699	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2557561	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	49754m	0.218	ppbv	
3) Chlorodifluoromethane	2.97	51	874882m	3.556	ppbv	
4) Chloromethane	3.13	50	87096	1.040	ppbv	90
9) Propene	3.01	41	206673m	2.346	ppbv	
10) Heptane	8.10	43	39704m	0.181	ppbv	
11) Trichlorofluoromethane	3.93	101	43663	0.207	ppbv	99
13) Ethanol	3.63	45	24278361	2065.276	ppbv	94
15) Acetone	3.83	43	1477266m	10.739	ppbv	
19) Isopropyl Alcohol	3.99	45	8516997	115.176	ppbv #	32
20) Methylene Chloride	4.33	84	717728	9.733	ppbv	94
26) Hexane	5.66	57	617856	3.659	ppbv	83
29) Chloroform	5.73	83	134104m	0.562	ppbv	
30) Cyclohexane	7.13	84	15609m	0.109	ppbv	
31) cis-1,2-Dichloroethene	5.53	61	21836	0.144	ppbv	93
34) 2-Butanone	5.23	43	185948	1.379	ppbv	93
35) Carbon Tetrachloride	7.00	117	16050m	0.065	ppbv	
36) Benzene	6.87	78	105768	0.332	ppbv	98
37) 1,2-Dichloroethane	6.29	62	27465m	0.174	ppbv	
38) Trichloroethene	7.82	130	133816m	0.981	ppbv	
41) Tetrahydrofuran	6.02	42	69902m	0.910	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	75033m	0.137	ppbv	
52) Tetrachloroethene	11.20	164	253539	1.999	ppbv	96
53) Toluene	9.79	91	261876	0.690	ppbv	99
59) m/p-Xylene	12.95	91	86699m	0.217	ppbv	
61) Styrene	13.50	104	24921m	0.116	ppbv	
69) p-Isopropyltoluene	17.64	119	89394m	0.154	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	44151m	0.101	ppbv	

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

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