

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037503.D
 Acq On : 19 Aug 2021 17:56
 Operator : SY/AP
 Sample : M3480-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-7

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:13 PM

Quant Time: Aug 20 01:07:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1416679	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4138928	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3435930	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2383539	9.76	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	47840m	0.210	ppbv	
3) Chlorodifluoromethane	3.00	51	1004830m	3.704	ppbv	
4) Chloromethane	3.15	50	34218	0.353	ppbv	98
9) Propene	3.02	41	65840m	0.678	ppbv	
11) Trichlorofluoromethane	3.96	101	44478m	0.208	ppbv	
13) Ethanol	3.61	45	2911301	308.238	ppbv	97
15) Acetone	3.85	43	1861215	12.909	ppbv	95
17) tert-Butyl alcohol	4.31	59	50724	0.385	ppbv #	79
19) Isopropyl Alcohol	3.98	45	698197	8.453	ppbv #	95
20) Methylene Chloride	4.35	84	3408259	47.215	ppbv	98
26) Hexane	5.70	57	2803181	15.664	ppbv #	46
29) Chloroform	5.76	83	93970	0.371	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	57558	0.355	ppbv #	85
34) 2-Butanone	5.25	43	247312	1.463	ppbv #	83
35) Carbon Tetrachloride	7.02	117	15964m	0.065	ppbv	
36) Benzene	6.90	78	2667388	7.666	ppbv	98
38) Trichloroethene	7.84	130	133054	0.932	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	35677m	0.162	ppbv	
52) Tetrachloroethene	11.23	164	17852m	0.125	ppbv	
53) Toluene	9.82	91	130821	0.329	ppbv	100
59) m/p-Xylene	12.98	91	76509m	0.185	ppbv	
62) Isopropylbenzene	14.67	105	819131	1.504	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	93115m	0.205	ppbv	
79) Naphthalene	22.20	128	67277m	0.221	ppbv	
80) Naphthalene,2-methyl-	24.98	142	11263	0.133	ppbv #	88

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

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