

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037228.D
 Acq On : 22 Jun 2021 22:36
 Operator : SY/AP
 Sample : M2807-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:33:17 PM

Quant Time: Jun 24 09:25:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1216188	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3501252	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3414306	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3262164	12.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	126.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	41778	0.198	ppbv	95
7) Chloroethane	3.56	64	12267m	0.396	ppbv	
9) Propene	3.02	41	935438m	12.371	ppbv	
10) Heptane	8.12	43	90515	0.494	ppbv	97
11) Trichlorofluoromethane	3.95	101	108379	0.480	ppbv	96
13) Ethanol	3.61	45	2360672	201.820	ppbv	47
15) Acetone	3.85	43	1116632m	8.142	ppbv	
17) tert-Butyl alcohol	4.31	59	132057	1.042	ppbv #	93
19) Isopropyl Alcohol	3.98	45	240975	2.901	ppbv #	1
20) Methylene Chloride	4.35	84	287305	3.499	ppbv	95
26) Hexane	5.69	57	455945	3.038	ppbv #	49
27) Carbon Disulfide	4.55	76	1284153	8.734	ppbv	98
29) Chloroform	5.75	83	376996	1.626	ppbv	92
30) Cyclohexane	7.14	84	36370	0.291	ppbv	86
34) 2-Butanone	5.25	43	136706	1.004	ppbv #	84
35) Carbon Tetrachloride	7.02	117	15415m	0.066	ppbv	
36) Benzene	6.89	78	50684	0.179	ppbv #	92
38) Trichloroethene	7.83	130	4369m	0.032	ppbv	
41) Tetrahydrofuran	6.06	42	44541m	0.704	ppbv	
43) Methyl Methacrylate	8.01	69	153828	1.573	ppbv #	30
44) 2,2,4-Trimethylpentane	7.87	57	92598	0.194	ppbv #	36
50) 4-Methyl-2-Pentanone	8.75	43	78909m	0.422	ppbv	
52) Tetrachloroethene	11.24	164	17219m	0.131	ppbv	
53) Toluene	9.81	91	1290262	3.815	ppbv	100
58) Ethyl Benzene	12.71	91	190574m	0.405	ppbv	
59) m/p-Xylene	12.97	91	487934m	1.225	ppbv	
60) o-Xylene	13.69	91	148461	0.391	ppbv	96
62) Isopropylbenzene	14.67	105	80594m	0.149	ppbv	
69) p-Isopropyltoluene	17.65	119	419817	0.779	ppbv #	87
72) 4-Ethyltoluene	15.84	105	89423m	0.208	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	91831m	0.220	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	287300m	0.669	ppbv	

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

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