

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037223.D
 Acq On : 22 Jun 2021 19:08
 Operator : SY/AP
 Sample : M2807-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAQ-01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:32:56 PM

Quant Time: Jun 24 09:19:56 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	5.68	49	1182460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3461185	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3309711	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2629441	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	39189	0.191	ppbv	90
3) Chlorodifluoromethane	3.00	51	54724m	0.238	ppbv	
4) Chloromethane	3.15	50	48905	0.638	ppbv	91
9) Propene	3.03	41	1415175m	19.250	ppbv	
10) Heptane	8.13	43	402109	2.258	ppbv	98
11) Trichlorofluoromethane	3.96	101	51475	0.235	ppbv	92
13) Ethanol	3.61	45	2420173	212.808	ppbv	46
15) Acetone	3.85	43	6283687m	47.124	ppbv	
17) tert-Butyl alcohol	4.31	59	248017	2.012	ppbv	96
19) Isopropyl Alcohol	3.99	45	277453	3.435	ppbv #	1
20) Methylene Chloride	4.36	84	342448	4.290	ppbv	98
26) Hexane	5.70	57	1302305	8.926	ppbv #	62
30) Cyclohexane	7.14	84	210072	1.728	ppbv #	84
34) 2-Butanone	5.26	43	265518	1.973	ppbv	94
35) Carbon Tetrachloride	7.03	117	15751m	0.068	ppbv	
36) Benzene	6.91	78	84544m	0.302	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	136723	0.290	ppbv #	10
52) Tetrachloroethene	11.24	164	4421m	0.034	ppbv	
53) Toluene	9.82	91	940340	2.813	ppbv	100
58) Ethyl Benzene	12.73	91	580055	1.273	ppbv	96
59) m/p-Xylene	12.98	91	1952490	5.057	ppbv	98
60) o-Xylene	13.71	91	676736	1.841	ppbv	97
61) Styrene	13.55	104	217748m	1.148	ppbv	
62) Isopropylbenzene	14.68	105	80784m	0.155	ppbv	
64) n-propylbenzene	15.58	120	30872	0.236	ppbv	76
65) tert-Butylbenzene	16.78	119	63290	0.136	ppbv #	54
70) n-Butylbenzene	18.57	91	64577m	0.134	ppbv	
72) 4-Ethyltoluene	15.85	105	151819	0.363	ppbv #	90
73) 1,3,5-Trimethylbenzene	16.01	105	192318	0.476	ppbv	95
74) 1,2,4-Trimethylbenzene	16.78	105	565859	1.360	ppbv #	71
79) Naphthalene	22.22	128	54563	0.157	ppbv #	92

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

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