

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037323.D
 Acq On : 5 Aug 2021 1:12
 Operator : SY/AP
 Sample : M3211-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:29 PM

Quant Time: Aug 05 07:19:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1135666	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3603825	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3009622	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1999092	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	32372	0.140	ppbv	98
3) Chlorodifluoromethane	2.98	51	46279	0.200	ppbv	93
4) Chloromethane	3.13	50	15086	0.182	ppbv	98
9) Propene	3.01	41	67307	0.806	ppbv	92
10) Heptane	8.11	43	57170	0.293	ppbv	90
11) Trichlorofluoromethane	3.94	101	55638	0.262	ppbv	93
13) Ethanol	3.61	45	280779m	22.327	ppbv	
15) Acetone	3.84	43	4871119	39.486	ppbv	96
17) tert-Butyl alcohol	4.31	59	31204m	0.252	ppbv	
19) Isopropyl Alcohol	3.98	45	202991	2.973	ppbv #	93
20) Methylene Chloride	4.34	84	3201790	31.349	ppbv	99
26) Hexane	5.68	57	2102469	11.713	ppbv #	47
27) Carbon Disulfide	4.55	76	33515	0.229	ppbv #	91
29) Chloroform	5.75	83	312705	1.376	ppbv	98
30) Cyclohexane	7.12	84	47707m	0.345	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	497434	2.295	ppbv	99
34) 2-Butanone	5.23	43	2020792	16.159	ppbv	99
35) Carbon Tetrachloride	7.01	117	22986	0.107	ppbv #	91
36) Benzene	6.88	78	110057	0.339	ppbv	97
38) Trichloroethene	7.83	130	640230	4.511	ppbv	94
41) Tetrahydrofuran	6.03	42	4517618	64.958	ppbv	99
42) Bromodichloromethane	7.79	83	27514m	0.123	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	124545	0.232	ppbv #	81
50) 4-Methyl-2-Pentanone	8.75	43	93674m	0.489	ppbv	
52) Tetrachloroethene	11.21	164	3738433	26.763	ppbv	98
53) Toluene	9.79	91	4133744	10.796	ppbv	99
58) Ethyl Benzene	12.70	91	256063	0.579	ppbv	96
59) m/p-Xylene	12.95	91	808274m	2.171	ppbv	
60) o-Xylene	13.67	91	264678m	0.782	ppbv	
61) Styrene	13.51	104	26280m	0.142	ppbv	
64) n-propylbenzene	15.55	120	15066m	0.117	ppbv	
72) 4-Ethyltoluene	15.82	105	70990m	0.174	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	79958m	0.218	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	230580	0.588	ppbv #	73
75) 1,3-Dichlorobenzene	16.98	146	63997m	0.266	ppbv	
79) Naphthalene	22.18	128	76227m	0.212	ppbv	
80) Naphthalene,2-methyl-	24.95	142	87375	1.494	ppbv	95

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

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