

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037179.D
 Acq On : 16 Jun 2021 20:43
 Operator : SY/AP
 Sample : M2713-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:47 PM

Quant Time: Jun 17 15:34:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:34:10 2021
 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	5.67	49	1309811	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3826342	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3439781	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2687976	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	61708	0.271	ppbv	99
3) Chlorodifluoromethane	2.99	51	57946m	0.228	ppbv	
4) Chloromethane	3.15	50	11876m	0.140	ppbv	
7) Chloroethane	3.56	64	12086m	0.362	ppbv	
9) Propene	3.02	41	33026m	0.406	ppbv	
10) Heptane	8.12	43	172638	0.875	ppbv	99
11) Trichlorofluoromethane	3.95	101	89931	0.370	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.49	101	74916	0.437	ppbv	99
13) Ethanol	3.61	45	144509	11.471	ppbv	50
15) Acetone	3.85	43	1139725	7.716	ppbv	92
17) tert-Butyl alcohol	4.31	59	50133m	0.367	ppbv	
18) 1,1-Dichloroethene	4.29	96	83281	1.097	ppbv	96
19) Isopropyl Alcohol	3.97	45	931721	10.415	ppbv	98
20) Methylene Chloride	4.35	84	706650	7.991	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	12605m	0.168	ppbv	
24) 1,1-Dichloroethane	5.01	63	450292	2.641	ppbv	99
26) Hexane	5.69	57	438703	2.715	ppbv #	52
29) Chloroform	5.75	83	30263	0.121	ppbv	97
30) Cyclohexane	7.14	84	21085m	0.157	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	9765024	36.553	ppbv	96
34) 2-Butanone	5.26	43	136614	0.918	ppbv	97
36) Benzene	6.90	78	37473	0.121	ppbv	94
38) Trichloroethene	7.83	130	6984m	0.047	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	670653m	3.281	ppbv	
52) Tetrachloroethene	11.23	164	5539m	0.039	ppbv	
53) Toluene	9.81	91	3275809	8.863	ppbv	100
58) Ethyl Benzene	12.72	91	1687951	3.565	ppbv	97
59) m/p-Xylene	12.97	91	7102535	17.699	ppbv	96
60) o-Xylene	13.69	91	3263947	8.542	ppbv	100
61) Styrene	13.53	104	44119	0.224	ppbv #	77
62) Isopropylbenzene	14.67	105	59866	0.110	ppbv	100
69) p-Isopropyltoluene	17.65	119	67840m	0.125	ppbv	
70) n-Butylbenzene	18.56	91	50573m	0.101	ppbv	
72) 4-Ethyltoluene	15.84	105	84126m	0.194	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	128205	0.306	ppbv #	80
74) 1,2,4-Trimethylbenzene	16.77	105	318140	0.736	ppbv #	71
76) 1,4-Dichlorobenzene	17.15	146	47834m	0.182	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	59484	0.234	ppbv	92
79) Naphthalene	22.20	128	93918m	0.261	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	73991m	0.356	ppbv	

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

