

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037177.D
 Acq On : 16 Jun 2021 19:21
 Operator : SY/AP
 Sample : M2713-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:43 PM

Quant Time: Jun 17 15:31:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:31:20 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	1422952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3980226	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3622283	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2660301	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	60886	0.246	ppbv	99
3) Chlorodifluoromethane	2.97	51	198663m	0.718	ppbv	
4) Chloromethane	3.14	50	44014m	0.477	ppbv	
7) Chloroethane	3.56	64	7726	0.213	ppbv	90
9) Propene	3.02	41	38387m	0.434	ppbv	
10) Heptane	8.12	43	187025m	0.873	ppbv	
11) Trichlorofluoromethane	3.95	101	68366m	0.259	ppbv	
13) Ethanol	3.61	45	225884m	16.505	ppbv	
15) Acetone	3.85	43	1393805	8.686	ppbv	96
17) tert-Butyl alcohol	4.30	59	52684m	0.355	ppbv	
19) Isopropyl Alcohol	3.98	45	268563m	2.763	ppbv	
20) Methylene Chloride	4.35	84	2159088	22.475	ppbv	99
24) 1,1-Dichloroethane	5.01	63	334178	1.804	ppbv	100
26) Hexane	5.69	57	1304600	7.431	ppbv #	48
29) Chloroform	5.75	83	28990m	0.107	ppbv	
30) Cyclohexane	7.14	84	18480m	0.126	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	519874	1.791	ppbv	99
34) 2-Butanone	5.25	43	384631	2.485	ppbv	99
35) Carbon Tetrachloride	7.02	117	15498m	0.058	ppbv	
36) Benzene	6.90	78	41996m	0.130	ppbv	
38) Trichloroethene	7.84	130	11959m	0.078	ppbv	
41) Tetrahydrofuran	6.06	42	136163	1.894	ppbv	97
44) 2,2,4-Trimethylpentane	7.88	57	67400m	0.124	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	627465	2.951	ppbv	98
52) Tetrachloroethene	11.22	164	8888m	0.059	ppbv	
53) Toluene	9.81	91	3149477	8.192	ppbv	100
58) Ethyl Benzene	12.72	91	1356118	2.720	ppbv	94
59) m/p-Xylene	12.97	91	5393179	12.762	ppbv	96
60) o-Xylene	13.70	91	2302307	5.722	ppbv	99
61) Styrene	13.54	104	29201m	0.141	ppbv	
72) 4-Ethyltoluene	15.85	105	57472m	0.126	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	86239m	0.195	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	179223	0.394	ppbv #	74
77) 1,2-Dichlorobenzene	17.83	146	25855m	0.097	ppbv	
79) Naphthalene	22.20	128	35423m	0.093	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	23880m	0.109	ppbv	

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

