

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037176.D
 Acq On : 16 Jun 2021 18:39
 Operator : SY/AP
 Sample : M2713-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:39 PM

Quant Time: Jun 17 15:28:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:28:55 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	1361553	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3879932	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3587508	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2757334	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	63602	0.269	ppbv	97
3) Chlorodifluoromethane	2.98	51	147746m	0.558	ppbv	
4) Chloromethane	3.14	50	42764	0.485	ppbv #	88
7) Chloroethane	3.56	64	8904	0.257	ppbv #	82
9) Propene	3.02	41	38201m	0.451	ppbv	
10) Heptane	8.12	43	181944	0.887	ppbv	97
11) Trichlorofluoromethane	3.95	101	66964m	0.265	ppbv	
13) Ethanol	3.61	45	198586m	15.165	ppbv	
15) Acetone	3.85	43	1309937	8.532	ppbv	97
17) tert-Butyl alcohol	4.30	59	51376m	0.362	ppbv	
19) Isopropyl Alcohol	3.98	45	249297	2.681	ppbv #	91
20) Methylene Chloride	4.35	84	1927337	20.968	ppbv	98
24) 1,1-Dichloroethane	5.02	63	345708	1.950	ppbv	98
26) Hexane	5.69	57	1201166	7.150	ppbv #	48
29) Chloroform	5.75	83	27515	0.106	ppbv	88
30) Cyclohexane	7.19	84	20222m	0.144	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	542889	1.955	ppbv	99
34) 2-Butanone	5.25	43	391915	2.597	ppbv	99
35) Carbon Tetrachloride	7.02	117	16649m	0.064	ppbv	
36) Benzene	6.89	78	40269	0.128	ppbv	95
38) Trichloroethene	7.84	130	12128m	0.081	ppbv	
41) Tetrahydrofuran	6.06	42	151627	2.163	ppbv	94
44) 2,2,4-Trimethylpentane	7.88	57	59451	0.113	ppbv #	20
50) 4-Methyl-2-Pentanone	8.76	43	612209	2.954	ppbv	99
52) Tetrachloroethene	11.24	164	9995m	0.069	ppbv	
53) Toluene	9.81	91	3177178	8.478	ppbv	99
58) Ethyl Benzene	12.72	91	1391578	2.818	ppbv	97
59) m/p-Xylene	12.97	91	5548831	13.258	ppbv	96
60) o-Xylene	13.70	91	2380802	5.974	ppbv	99
61) Styrene	13.53	104	28032m	0.136	ppbv	
72) 4-Ethyltoluene	15.85	105	45160	0.100	ppbv #	83
73) 1,3,5-Trimethylbenzene	16.01	105	85187m	0.195	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	177222	0.393	ppbv #	68
77) 1,2-Dichlorobenzene	17.83	146	26841m	0.101	ppbv	
79) Naphthalene	22.21	128	38098m	0.101	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	26779m	0.123	ppbv	

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

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