

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037356.D
 Acq On : 6 Aug 2021 23:19
 Operator : SY/AP
 Sample : M3157-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:56 PM

Quant Time: Aug 07 03:48:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	875440	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2898486	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2362292	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1609264	9.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	27212	0.137	ppbv	92
3) Chlorodifluoromethane	2.98	51	87530	0.501	ppbv #	83
4) Chloromethane	3.13	50	30435m	0.510	ppbv	
5) Vinyl Chloride	3.25	62	9829	0.136	ppbv #	85
9) Propene	3.02	41	33175m	0.566	ppbv	
10) Heptane	8.12	43	13939m	0.102	ppbv	
11) Trichlorofluoromethane	3.94	101	31753	0.187	ppbv	89
13) Ethanol	3.61	45	91299m	8.449	ppbv	
15) Acetone	3.85	43	544221	5.966	ppbv	99
19) Isopropyl Alcohol	3.97	45	82600m	1.496	ppbv	
20) Methylene Chloride	4.34	84	279467	3.658	ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	21230	0.396	ppbv #	93
24) 1,1-Dichloroethane	5.01	63	30325	0.278	ppbv	99
26) Hexane	5.67	57	162114	1.271	ppbv #	51
29) Chloroform	5.74	83	140942	0.824	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	2185741	21.718	ppbv	96
34) 2-Butanone	5.25	43	102084m	1.049	ppbv	
35) Carbon Tetrachloride	7.01	117	8358m	0.046	ppbv	
36) Benzene	6.88	78	87992	0.396	ppbv #	87
41) Tetrahydrofuran	6.06	42	29634m	0.619	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	73379	0.198	ppbv #	87
52) Tetrachloroethene	11.21	164	3887m	0.037	ppbv	
53) Toluene	9.79	91	397979	1.537	ppbv	98
58) Ethyl Benzene	12.70	91	36085	0.117	ppbv #	88
59) m/p-Xylene	12.96	91	98978m	0.369	ppbv	
60) o-Xylene	13.68	91	34349m	0.138	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	33937m	0.116	ppbv	

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

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