

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036869.D
 Acq On : 27 Apr 2021 22:30
 Operator : SY/AP
 Sample : M2172-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 DDC-2-EFFLUENT

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 29 16:27:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1564340	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3624955	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3315983	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2568315	9.65	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	60290	0.245	ppbv	99
3) Chlorodifluoromethane	2.99	51	94882m	0.333	ppbv	
4) Chloromethane	3.15	50	44286	0.473	ppbv	97
9) Propene	3.02	41	81408m	0.938	ppbv	
11) Trichlorofluoromethane	3.96	101	46921	0.213	ppbv	88
13) Ethanol	3.62	45	7317196	660.802	ppbv	93
15) Acetone	3.85	43	4241677	28.769	ppbv	97
17) tert-Butyl alcohol	4.31	59	322210	2.692	ppbv #	93
19) Isopropyl Alcohol	3.99	45	5401355	73.936	ppbv #	96
20) Methylene Chloride	4.35	84	53960	0.765	ppbv #	85
26) Hexane	5.69	57	58760	0.349	ppbv #	81
29) Chloroform	5.75	83	73813m	0.281	ppbv	
30) Cyclohexane	7.17	84	41183m	0.308	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	52445m	0.347	ppbv	
34) 2-Butanone	5.25	43	434316	2.735	ppbv	97
35) Carbon Tetrachloride	7.03	117	29127m	0.118	ppbv	
36) Benzene	6.90	78	67570m	0.221	ppbv	
41) Tetrahydrofuran	6.06	42	17402m	0.251	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	65782	0.126	ppbv #	51
50) 4-Methyl-2-Pentanone	8.76	43	35997	0.166	ppbv	97
52) Tetrachloroethene	11.23	164	13088m	0.126	ppbv	
53) Toluene	9.82	91	313898	0.982	ppbv	99
59) m/p-Xylene	12.98	91	111704m	0.297	ppbv	
60) o-Xylene	13.70	91	48874	0.134	ppbv	93
74) 1,2,4-Trimethylbenzene	16.78	105	62126	0.155	ppbv #	65

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

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