

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036870.D
 Acq On : 27 Apr 2021 23:11
 Operator : SY/AP
 Sample : M2172-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 DDC-2-INFLUENT-1

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 16:27:15 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	1591586	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3851108	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3582360	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2878337	10.01	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	41931	0.167	ppbv	98
3) Chlorodifluoromethane	2.99	51	192187	0.663	ppbv	94
4) Chloromethane	3.15	50	55677m	0.584	ppbv	
5) Vinyl Chloride	3.26	62	18844m	0.196	ppbv	
9) Propene	3.02	41	84344	0.955	ppbv	97
10) Heptane	8.13	43	52677	0.237	ppbv	100
11) Trichlorofluoromethane	3.95	101	57185	0.256	ppbv	98
13) Ethanol	3.64	45	17715010	1572.422	ppbv	99
15) Acetone	3.85	43	11149127	74.323	ppbv	100
17) tert-Butyl alcohol	4.33	59	1253742	10.297	ppbv	100
18) 1,1-Dichloroethene	4.29	96	8800m	0.135	ppbv	
19) Isopropyl Alcohol	4.01	45	15157697	203.932	ppbv #	93
20) Methylene Chloride	4.35	84	375524	5.235	ppbv	94
26) Hexane	5.69	57	505742	2.950	ppbv #	69
29) Chloroform	5.76	83	925208	3.462	ppbv	99
30) Cyclohexane	7.14	84	115304m	0.848	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	618057	4.016	ppbv	100
32) 1,1,1-Trichloroethane	6.51	97	64589	0.238	ppbv	94
34) 2-Butanone	5.25	43	1707961	10.124	ppbv	99
35) Carbon Tetrachloride	7.02	117	330555	1.265	ppbv	96
36) Benzene	6.90	78	230204	0.709	ppbv	96
38) Trichloroethene	7.84	130	66230m	0.573	ppbv	
41) Tetrahydrofuran	6.06	42	29925m	0.406	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	236535	0.425	ppbv #	71
50) 4-Methyl-2-Pentanone	8.76	43	262578	1.139	ppbv	96
52) Tetrachloroethene	11.23	164	1013681	9.174	ppbv	99
53) Toluene	9.81	91	880075	2.592	ppbv	98
58) Ethyl Benzene	12.72	91	240949	0.530	ppbv	97
59) m/p-Xylene	12.98	91	752618	1.853	ppbv	95
60) o-Xylene	13.70	91	364281	0.928	ppbv	99
61) Styrene	13.54	104	20390m	0.111	ppbv	
64) n-propylbenzene	15.58	120	22966m	0.172	ppbv	
70) n-Butylbenzene	18.57	91	69469m	0.131	ppbv	
72) 4-Ethyltoluene	15.85	105	147471	0.350	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.01	105	117947m	0.289	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	629788	1.451	ppbv #	74
79) Naphthalene	22.22	128	64334m	0.265	ppbv	

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

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