

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036861.D
 Acq On : 27 Apr 2021 17:13
 Operator : SY/AP
 Sample : M2172-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 OFFSITE-DDC-INTERMEDIATE-1

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 16:07:36 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	1396984	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3226130	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2752015	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2213724	10.02	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	53905m	0.245	ppbv	
3) Chlorodifluoromethane	2.99	51	66626m	0.262	ppbv	
4) Chloromethane	3.15	50	29405	0.352	ppbv #	85
5) Vinyl Chloride	3.26	62	18050m	0.214	ppbv	
9) Propene	3.02	41	75394	0.972	ppbv	85
11) Trichlorofluoromethane	3.95	101	42745	0.218	ppbv	90
13) Ethanol	3.62	45	97654	9.875	ppbv	88
15) Acetone	3.86	43	696158	5.287	ppbv	98
18) 1,1-Dichloroethene	4.29	96	7159m	0.125	ppbv	
19) Isopropyl Alcohol	4.00	45	70591	1.082	ppbv #	85
20) Methylene Chloride	4.35	84	1170383	18.588	ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	12792	0.223	ppbv #	65
26) Hexane	5.69	57	1136827	7.555	ppbv #	44
29) Chloroform	5.76	83	104622	0.446	ppbv	94
30) Cyclohexane	7.17	84	38388m	0.322	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	1158128	8.574	ppbv	97
34) 2-Butanone	5.26	43	116966	0.828	ppbv	96
35) Carbon Tetrachloride	7.02	117	14432m	0.066	ppbv	
36) Benzene	6.90	78	59051m	0.217	ppbv	
38) Trichloroethene	7.84	130	17098m	0.177	ppbv	
41) Tetrahydrofuran	6.07	42	19663m	0.318	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	62722	0.135	ppbv #	63
52) Tetrachloroethene	11.23	164	5635m	0.061	ppbv	
53) Toluene	9.81	91	178499	0.628	ppbv	97
59) m/p-Xylene	12.98	91	57528m	0.184	ppbv	

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

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