

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036810.D
 Acq On : 13 Apr 2021 19:33
 Operator : SY/AP
 Sample : M2018-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 09:26:27 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1321940	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3372321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2736709	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1988164	9.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	20945	0.097 ppbv	91
4) Chloromethane	3.14	50	17391	0.199 ppbv #	86
9) Propene	3.01	41	3365354	42.741 ppbv	93
10) Heptane	8.13	43	2981617	14.864 ppbv	99
11) Trichlorofluoromethane	3.94	101	31966	0.145 ppbv	97
13) Ethanol	3.61	45	181407m	19.347 ppbv	
15) Acetone	3.84	43	2960373	22.753 ppbv #	84
17) tert-Butyl alcohol	4.30	59	256390	2.264 ppbv #	94
19) Isopropyl Alcohol	3.97	45	615690m	8.602 ppbv	
20) Methylene Chloride	4.34	84	51543	0.846 ppbv #	92
26) Hexane	5.68	57	743828	5.182 ppbv #	47
27) Carbon Disulfide	4.55	76	2422191	17.129 ppbv	98
30) Cyclohexane	7.13	84	281039	2.414 ppbv	91
34) 2-Butanone	5.25	43	185974	1.130 ppbv #	90
35) Carbon Tetrachloride	7.02	117	14553m	0.056 ppbv	
36) Benzene	6.89	78	1174087	3.775 ppbv	96
52) Tetrachloroethene	11.23	164	6327m	0.055 ppbv	
53) Toluene	9.81	91	1742497	5.261 ppbv	99
58) Ethyl Benzene	12.72	91	284231	0.714 ppbv	90
59) m/p-Xylene	12.97	91	675914m	1.946 ppbv	
60) o-Xylene	13.70	91	175781	0.523 ppbv	97
61) Styrene	13.53	104	252777	1.496 ppbv	99
62) Isopropylbenzene	14.67	105	5936953	13.129 ppbv	99
72) 4-Ethyltoluene	15.84	105	69771m	0.190 ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	34984m	0.102 ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	113168m	0.308 ppbv	

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

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