

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038190.D
 Acq On : 16 Dec 2021 15:23
 Operator : SY/AP
 Sample : M5117-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 17 05:54:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	960539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2537709	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2151050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1714728	11.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34818	0.219	ppbv	96
3) Chlorodifluoromethane	3.00	51	550389m	2.729	ppbv	
4) Chloromethane	3.15	50	31879	0.464	ppbv	89
9) Propene	3.03	41	770860m	10.376	ppbv	
10) Heptane	8.12	43	76634	0.417	ppbv	97
11) Trichlorofluoromethane	3.95	101	29505	0.196	ppbv	96
13) Ethanol	3.60	45	3691768	514.236	ppbv	89
15) Acetone	3.85	43	529945	6.363	ppbv #	79
19) Isopropyl Alcohol	3.97	45	564682	9.384	ppbv #	96
20) Methylene Chloride	4.35	84	161512	3.462	ppbv	91
26) Hexane	5.69	57	366883	2.750	ppbv #	52
30) Cyclohexane	7.13	84	37652	0.311	ppbv	86
34) 2-Butanone	5.25	43	50196	0.491	ppbv	95
35) Carbon Tetrachloride	7.01	117	10446m	0.059	ppbv	
36) Benzene	6.89	78	346137	1.367	ppbv	98
38) Trichloroethene	7.83	130	8262m	0.087	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	279073	0.659	ppbv #	87
52) Tetrachloroethene	11.22	164	4373m	0.047	ppbv	
53) Toluene	9.80	91	670307	2.301	ppbv	97
58) Ethyl Benzene	12.71	91	140726	0.396	ppbv	97
59) m/p-Xylene	12.96	91	369141	1.233	ppbv	98
60) o-Xylene	13.69	91	134588	0.485	ppbv	92
61) Styrene	13.52	104	20248m	0.136	ppbv	
72) 4-Ethyltoluene	15.84	105	45289m	0.141	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	35187m	0.120	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	122166m	0.403	ppbv	

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

