

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039238.D
 Acq On : 8 Jun 2022 17:02
 Operator : SY/AP
 Sample : N3187-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:41:22 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 09 06:41:22 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.677	49	1336701	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3112751	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2519475	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2127682	10.215	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	72168	0.307	ppbv	95
3) Chlorodifluoromethane	2.996	51	1596862	9.389	ppbv	98
4) Chloromethane	3.150	50	47795m	0.547	ppbv	
9) Propene	3.028	41	223943m	3.020	ppbv	
10) Heptane	8.124	43	49683m	0.287	ppbv	
11) Trichlorofluoromethane	3.957	101	55018m	0.259	ppbv	
13) Ethanol	3.619	45	14076976	3480.599	ppbv #	100
15) Acetone	3.854	43	1250815m	8.983	ppbv	
19) Isopropyl Alcohol	3.983	45	2162098	33.106	ppbv	100
20) Methylene Chloride	4.353	84	1402856	23.908	ppbv	94
26) Hexane	5.697	57	1407443	10.205	ppbv #	46
30) Cyclohexane	7.137	84	33290m	0.287	ppbv	
34) 2-Butanone	5.256	43	121056m	0.716	ppbv	
35) Carbon Tetrachloride	7.024	117	16375m	0.072	ppbv	
36) Benzene	6.896	78	205436	0.813	ppbv	98
38) Trichloroethene	7.844	130	5192m	0.045	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	245836	0.556	ppbv #	87
52) Tetrachloroethene	11.230	164	7529m	0.076	ppbv	
53) Toluene	9.812	91	514799	1.769	ppbv	98
58) Ethyl Benzene	12.719	91	95568m	0.275	ppbv	
59) m/p-Xylene	12.973	91	271314	0.888	ppbv	99
60) o-Xylene	13.696	91	108615	0.378	ppbv	99
61) Styrene	13.529	104	25372m	0.165	ppbv	
69) p-Isopropyltoluene	17.661	119	45314m	0.101	ppbv	
72) 4-Ethyltoluene	15.844	105	46335m	0.138	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	37701m	0.124	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	111980	0.331	ppbv #	60

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

Manual Integrations

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