

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040424.D
 Acq On : 12 May 2023 18:51
 Operator : SY/MD
 Sample : 02785-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Quant Time: May 15 00:43:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	945190	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2340345	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2092225	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1680912	9.716	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	48716	0.286	ppbv	98
3) Chlorodifluoromethane	2.655	51	52278m	0.423	ppbv	
4) Chloromethane	2.796	50	32660	0.419	ppbv	97
9) Propene	2.681	41	76679m	1.571	ppbv	
10) Heptane	7.577	43	29751m	0.268	ppbv	
11) Trichlorofluoromethane	3.549	101	43536	0.252	ppbv	98
13) Ethanol	3.224	45	242297	59.483	ppbv	99
15) Acetone	3.452	43	758741	5.668	ppbv	93
19) Isopropyl Alcohol	3.565	45	315027	5.157	ppbv #	94
20) Methylene Chloride	3.922	84	224169	4.194	ppbv	96
26) Hexane	5.205	57	244497	2.575	ppbv #	42
30) Cyclohexane	6.600	84	12055m	0.164	ppbv	
34) 2-Butanone	4.780	43	87580	0.694	ppbv	93
35) Carbon Tetrachloride	6.494	117	10644m	0.065	ppbv	
36) Benzene	6.359	78	82130	0.430	ppbv	96
44) 2,2,4-Trimethylpentane	7.323	57	103171	0.323	ppbv #	71
52) Tetrachloroethene	10.616	164	3008m	0.050	ppbv	
53) Toluene	9.220	91	214306	1.059	ppbv	99
58) Ethyl Benzene	12.082	91	32650m	0.127	ppbv	
59) m/p-Xylene	12.352	91	86980m	0.367	ppbv	
60) o-Xylene	13.056	91	32005m	0.141	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	36167m	0.137	ppbv	

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

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