

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040444.D
 Acq On : 16 May 2023 19:06
 Operator : SY/MD
 Sample : 02793-03 8X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:16:37 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M

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

QLast Update : Wed May 17 05:12:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1092544	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2853018	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2467254	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1892222	9.538	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	44010	0.205	ppbv	93
3) Chlorodifluoromethane	2.681	51	28211m	0.200	ppbv	
4) Chloromethane	2.822	50	20693m	0.236	ppbv	
9) Propene	2.709	41	22304	0.406	ppbv #	77
10) Heptane	7.603	43	15191m	0.120	ppbv	
11) Trichlorofluoromethane	3.571	101	20208	0.104	ppbv	94
13) Ethanol	3.246	45	455504	109.495	ppbv	92
15) Acetone	3.478	43	991930	7.177	ppbv	99
18) 1,1-Dichloroethene	3.890	96	82598	1.319	ppbv	87
19) Isopropyl Alcohol	3.597	45	43934	0.653	ppbv #	1
20) Methylene Chloride	3.944	84	5479153	88.990	ppbv	91
24) 1,1-Dichloroethane	4.574	63	88774	0.679	ppbv	97
26) Hexane	5.230	57	5629532	52.172	ppbv #	34
30) Cyclohexane	6.619	84	28503	0.325	ppbv	86
32) 1,1,1-Trichloroethane	6.024	97	466728	2.283	ppbv	99
34) 2-Butanone	4.809	43	48808m	0.321	ppbv	
35) Carbon Tetrachloride	6.510	117	6689m	0.033	ppbv	
36) Benzene	6.388	78	25170m	0.109	ppbv	
41) Tetrahydrofuran	5.584	42	9485m	0.113	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	56608m	0.148	ppbv	
52) Tetrachloroethene	10.632	164	2533m	0.032	ppbv	
53) Toluene	9.243	91	284148	1.161	ppbv	99
58) Ethyl Benzene	12.117	91	33684m	0.108	ppbv	
59) m/p-Xylene	12.378	91	112932m	0.397	ppbv	
60) o-Xylene	13.092	91	46893m	0.173	ppbv	
73) 1,3,5-Trimethylbenzene	15.381	105	29962m	0.106	ppbv	
74) 1,2,4-Trimethylbenzene	16.146	105	78405m	0.242	ppbv	

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

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