

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040388.D
 Acq On : 19 Apr 2023 20:28
 Operator : SY/MD
 Sample : 02368-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1ADL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:14:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 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	5.179	49	1056221	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2728148	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2473857	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2040628	9.975	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	48578	0.255	ppbv	98
3) Chlorodifluoromethane	2.655	51	17026m	0.123	ppbv	
4) Chloromethane	2.796	50	10899	0.125	ppbv #	85
9) Propene	2.681	41	25260	0.463	ppbv	85
13) Ethanol	3.221	45	326119	71.645	ppbv	98
15) Acetone	3.449	43	1881113	12.574	ppbv	97
17) tert-Butyl alcohol	3.877	59	31919	0.232	ppbv #	89
27) Carbon Disulfide	4.108	76	17005	0.124	ppbv #	33
29) Chloroform	5.256	83	44993m	0.238	ppbv	
34) 2-Butanone	4.777	43	157233	1.069	ppbv	91
36) Benzene	6.359	78	28694m	0.129	ppbv	
41) Tetrahydrofuran	5.555	42	55311	0.687	ppbv	94
52) Tetrachloroethene	10.606	164	29748m	0.427	ppbv	
53) Toluene	9.214	91	82193	0.348	ppbv	98
58) Ethyl Benzene	12.082	91	24420m	0.080	ppbv	
59) m/p-Xylene	12.336	91	61268m	0.219	ppbv	
60) o-Xylene	13.053	91	27241m	0.101	ppbv	

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

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