

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041263.D
 Acq On : 21 May 2024 13:33
 Operator : SY/MD
 Sample : P2533-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:43:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Wed May 22 05:39:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1069117	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2838989	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2655910	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 2103636 10.492 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	14967	0.103	ppbv	90
3) Chlorodifluoromethane	2.687	51	34230	0.211	ppbv	97
9) Propene	2.719	41	753955m	11.865	ppbv	
10) Heptane	7.584	43	885074	5.749	ppbv	96
13) Ethanol	3.260	45	20210m	1.419	ppbv	
15) Acetone	3.501	43	974029	7.720	ppbv #	69
20) Methylene Chloride	3.944	84	70665	1.611	ppbv	95
26) Hexane	5.218	57	1412750	12.570	ppbv #	40
27) Carbon Disulfide	4.134	76	43558	0.327	ppbv #	79
29) Chloroform	5.279	83	21815m	0.141	ppbv	
34) 2-Butanone	4.796	43	493225	3.413	ppbv	99
36) Benzene	6.375	78	16702m	0.070	ppbv	
38) Trichloroethene	7.292	130	20639m	0.232	ppbv	
52) Tetrachloroethene	10.616	164	684370	8.173	ppbv	95
53) Toluene	9.224	91	166136m	0.601	ppbv	
58) Ethyl Benzene	12.086	91	61600m	0.169	ppbv	
59) m/p-Xylene	12.343	91	160482m	0.524	ppbv	
60) o-Xylene	13.053	91	94416	0.329	ppbv	99
64) n-propylbenzene	14.915	120	14583m	0.136	ppbv	
65) tert-Butylbenzene	16.105	119	33410m	0.087	ppbv	
70) n-Butylbenzene	17.889	91	54623m	0.117	ppbv	
72) 4-Ethyltoluene	15.192	105	65949m	0.203	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	82410	0.280	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	299813	0.934	ppbv #	64

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

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