

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040945.D
 Acq On : 22 Dec 2023 00:49
 Operator : SY/MD
 Sample : 05848-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 03:41:40 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1210173	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	3179762	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2839866	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2122941 10.149 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	26418	0.115	ppbv	93
3) Chlorodifluoromethane	2.681	51	445626	2.447	ppbv #	60
4) Chloromethane	2.838	50	7090m	0.106	ppbv	
9) Propene	2.726	41	31213m	0.519	ppbv	
10) Heptane	7.565	43	64537m	0.432	ppbv	
13) Ethanol	3.256	45	326677	21.550	ppbv	99
15) Acetone	3.491	43	609315	4.198	ppbv	96
17) tert-Butyl alcohol	3.912	59	16275m	0.152	ppbv	
19) Isopropyl Alcohol	3.597	45	21660m	0.286	ppbv	
20) Methylene Chloride	3.944	84	36405	0.704	ppbv	82
22) trans-1,2-Dichloroethene	4.452	96	6544m	0.099	ppbv	
23) Vinyl Acetate	4.629	43	155768	0.973	ppbv #	84
25) Ethyl Acetate	5.211	43	283868	1.129	ppbv #	86
26) Hexane	5.211	57	327991	2.943	ppbv #	41
29) Chloroform	5.279	83	34445m	0.183	ppbv	
30) Cyclohexane	6.594	84	12735	0.137	ppbv	92
31) cis-1,2-Dichloroethene	5.079	61	165860	1.449	ppbv	97
34) 2-Butanone	4.784	43	1275257	7.581	ppbv	100
36) Benzene	6.362	78	55048	0.221	ppbv #	92
38) Trichloroethene	7.275	130	799817	8.567	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	129110	0.306	ppbv #	22
51) 2-Hexanone	9.529	43	345591	1.885	ppbv	96
52) Tetrachloroethene	10.600	164	8987368	107.331	ppbv	92
53) Toluene	9.195	91	191025	0.693	ppbv	100
58) Ethyl Benzene	12.057	91	44478m	0.122	ppbv	
59) m/p-Xylene	12.317	91	102130m	0.329	ppbv	
60) o-Xylene	13.028	91	44091	0.151	ppbv	97
74) 1,2,4-Trimethylbenzene	16.069	105	65263m	0.212	ppbv	

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

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