

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040939.D
 Acq On : 21 Dec 2023 21:04
 Operator : SY/MD
 Sample : 05848-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 00:11:36 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	5.188	49	1304434	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	3472391	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	3010406	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2260692	10.195	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	46270	0.186	ppbv #	74
3) Chlorodifluoromethane	2.681	51	56163	0.286	ppbv #	67
9) Propene	2.722	41	24501m	0.378	ppbv	
10) Heptane	7.561	43	104554	0.649	ppbv	98
13) Ethanol	3.263	45	57853	3.541	ppbv	92
15) Acetone	3.481	43	1611410	10.300	ppbv	92
20) Methylene Chloride	3.941	84	50416	0.904	ppbv	95
22) trans-1,2-Dichloroethene	4.446	96	7622	0.107	ppbv	87
23) Vinyl Acetate	4.629	43	153811	0.891	ppbv #	94
25) Ethyl Acetate	5.211	43	675087	2.490	ppbv #	79
26) Hexane	5.211	57	936754	7.797	ppbv #	34
28) Methyl tert-Butyl Ether	4.590	73	30635m	0.275	ppbv	
29) Chloroform	5.266	83	76278	0.376	ppbv	89
30) Cyclohexane	6.587	84	8758m	0.087	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	191442	1.551	ppbv	99
34) 2-Butanone	4.787	43	1405790	7.653	ppbv	100
36) Benzene	6.356	78	35061	0.129	ppbv	98
38) Trichloroethene	7.275	130	2704799	26.530	ppbv	97
44) 2,2,4-Trimethylpentane	7.311	57	154642	0.335	ppbv #	1
51) 2-Hexanone	9.536	43	479060	2.392	ppbv	93
52) Tetrachloroethene	10.638	164	28650708	313.324	ppbv	88
53) Toluene	9.198	91	183674	0.610	ppbv	98
58) Ethyl Benzene	12.063	91	54300m	0.140	ppbv	
59) m/p-Xylene	12.314	91	145302m	0.442	ppbv	
60) o-Xylene	13.031	91	66431	0.214	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	18953m	0.085	ppbv	
74) 1,2,4-Trimethylbenzene	16.072	105	89510	0.274	ppbv #	69

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

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