

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041197.D
 Acq On : 2 May 2024 15:54
 Operator : SY/MD
 Sample : P2334-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS02-20240425

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 03 03:41:04 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 : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	873352	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2260054	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2090424	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.783	95	1576767	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	45755	0.387	ppbv	98
4) Chloromethane	2.819	50	12479	0.240	ppbv #	79
9) Propene	2.706	41	62260m	1.199	ppbv	
10) Heptane	7.587	43	34815	0.277	ppbv	97
11) Trichlorofluoromethane	3.565	101	31090	0.259	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.070	101	6938m	0.078	ppbv	
13) Ethanol	3.243	45	148718	12.780	ppbv	94
15) Acetone	3.475	43	474729	4.606	ppbv	95
17) tert-Butyl alcohol	3.890	59	13647m	0.123	ppbv	
19) Isopropyl Alcohol	3.584	45	55050m	0.814	ppbv	
20) Methylene Chloride	3.938	84	2074202	57.870	ppbv	96
26) Hexane	5.217	57	1794677	19.548	ppbv #	40
27) Carbon Disulfide	4.131	76	37241	0.343	ppbv #	72
29) Chloroform	5.279	83	57079	0.451	ppbv	88
30) Cyclohexane	6.616	84	8361m	0.115	ppbv	
32) 1,1,1-Trichloroethane	6.008	97	130017	1.029	ppbv	100
34) 2-Butanone	4.803	43	61507	0.535	ppbv	97
35) Carbon Tetrachloride	6.500	117	39727	0.313	ppbv	91
36) Benzene	6.375	78	34137	0.180	ppbv #	88
38) Trichloroethene	7.298	130	3035317	42.946	ppbv	98
52) Tetrachloroethene	10.619	164	48575	0.729	ppbv	86
53) Toluene	9.230	91	137855m	0.627	ppbv	
58) Ethyl Benzene	12.098	91	42142m	0.147	ppbv	
59) m/p-Xylene	12.359	91	91103m	0.378	ppbv	
60) o-Xylene	13.063	91	38713m	0.171	ppbv	
73) 1,3,5-Trimethylbenzene	15.362	105	56673m	0.245	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	94066	0.372	ppbv #	68
79) Naphthalene	21.397	128	709841	2.949	ppbv	98

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

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