

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041314.D
 Acq On : 4 Jun 2024 20:51
 Operator : SY/MD
 Sample : P2673-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOC-2-INSIDE

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 05:30:47 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	862895	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2221823	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1943612	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1665937	11.101	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	54937	0.399	ppbv	94
3) Chlorodifluoromethane	2.706	51	37391	0.274	ppbv	95
4) Chloromethane	2.841	50	25936	0.505	ppbv	94
9) Propene	2.722	41	235732	4.853	ppbv	99
10) Heptane	7.584	43	130617	1.135	ppbv	96
11) Trichlorofluoromethane	3.584	101	36828	0.291	ppbv	99
13) Ethanol	3.256	45	533965	42.256	ppbv	98
15) Acetone	3.491	43	120702m	1.225	ppbv	
20) Methylene Chloride	3.951	84	127603	3.563	ppbv	94
26) Hexane	5.224	57	454070	5.181	ppbv #	42
30) Cyclohexane	6.610	84	55081m	0.775	ppbv	
31) cis-1,2-Dichloroethene	5.092	61	4524m	0.055	ppbv	
32) 1,1,1-Trichloroethane	6.015	97	4573m	0.036	ppbv	
34) 2-Butanone	4.806	43	35800	0.336	ppbv	92
35) Carbon Tetrachloride	6.500	117	9960m	0.079	ppbv	
36) Benzene	6.375	78	410945	2.386	ppbv	97
38) Trichloroethene	7.301	130	5888m	0.084	ppbv	
41) Tetrahydrofuran	5.578	42	12607m	0.182	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	401179	1.355	ppbv #	88
52) Tetrachloroethene	10.610	164	2210m	0.035	ppbv	
53) Toluene	9.224	91	1205316	6.085	ppbv	99
58) Ethyl Benzene	12.085	91	305399	1.226	ppbv	94
59) m/p-Xylene	12.343	91	956913	4.483	ppbv	97
60) o-Xylene	13.056	91	369462	1.816	ppbv	99
61) Styrene	12.896	104	27612m	0.277	ppbv	
62) Isopropylbenzene	14.024	105	20894	0.068	ppbv	95
64) n-propylbenzene	14.915	120	14248m	0.180	ppbv	
65) tert-Butylbenzene	16.101	119	33179m	0.121	ppbv	
72) 4-Ethyltoluene	15.188	105	87457	0.369	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.346	105	64351	0.313	ppbv	91
74) 1,2,4-Trimethylbenzene	16.101	105	275039	1.182	ppbv #	74
79) Naphthalene	21.384	128	27425m	0.136	ppbv	

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

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