

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039192.D
 Acq On : 6 Jun 2022 20:00
 Operator : SY/AP
 Sample : N3110-03DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:19:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 03:19:43 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.665	49	1229644	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3166595	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2851409	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2254686 9.564 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	21962	0.102	ppbv	89
4) Chloromethane	3.144	50	9142	0.114	ppbv	95
5) Vinyl Chloride	3.260	62	58338m	0.777	ppbv	
9) Propene	3.211	41	109714	1.608	ppbv	93
10) Heptane	8.118	43	149318	0.938	ppbv	97
11) Trichlorofluoromethane	3.951	101	1198341	6.129	ppbv	99
13) Ethanol	3.607	45	80642m	21.675	ppbv	
15) Acetone	3.854	43	152143	1.188	ppbv #	43
17) tert-Butyl alcohol	4.304	59	14492m	0.146	ppbv	
20) Methylene Chloride	4.343	84	342835	6.351	ppbv	94
22) trans-1,2-Dichloroethene	4.877	96	6278m	0.113	ppbv	
26) Hexane	5.684	57	777310	6.127	ppbv #	39
27) Carbon Disulfide	4.552	76	135463	1.030	ppbv #	90
29) Chloroform	5.748	83	30884m	0.145	ppbv	
30) Cyclohexane	7.128	84	52158m	0.489	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	87655	0.678	ppbv	99
34) 2-Butanone	5.256	43	31856m	0.185	ppbv	
36) Benzene	6.893	78	52370m	0.204	ppbv	
38) Trichloroethene	7.832	130	96715m	0.819	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	98788	0.220	ppbv #	70
52) Tetrachloroethene	11.221	164	2536868	25.274	ppbv	97
53) Toluene	9.799	91	1080408	3.650	ppbv	99
58) Ethyl Benzene	12.706	91	318514	0.811	ppbv #	88
59) m/p-Xylene	12.957	91	1099606	3.179	ppbv	92
60) o-Xylene	13.680	91	399804	1.230	ppbv	97
64) n-propylbenzene	15.552	120	37832m	0.319	ppbv	
70) n-Butylbenzene	18.539	91	79927m	0.153	ppbv	
72) 4-Ethyltoluene	15.828	105	240836	0.632	ppbv	98
73) 1,3,5-Trimethylbenzene	15.986	105	191572	0.558	ppbv	95
74) 1,2,4-Trimethylbenzene	16.751	105	825141	2.152	ppbv #	63
79) Naphthalene	22.178	128	74659m	0.253	ppbv	

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

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