

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040564.D
 Acq On : 27 Jul 2023 6:49
 Operator : SY/MD
 Sample : 03696-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-16-20230719

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 07:45:24 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Thu Jul 27 04:45:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1101483	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2841964	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2597440	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2030062	9.875	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	63833	0.290	ppbv	98
3) Chlorodifluoromethane	2.658	51	121959m	0.699	ppbv	
4) Chloromethane	2.800	50	36580	0.529	ppbv	99
9) Propene	2.681	41	1400543	23.432	ppbv	90
10) Heptane	7.574	43	226815	1.719	ppbv	98
11) Trichlorofluoromethane	3.552	101	44336	0.249	ppbv	99
13) Ethanol	3.221	45	1174217	90.294	ppbv	95
15) Acetone	3.452	43	3634810	28.668	ppbv	99
17) tert-Butyl alcohol	3.874	59	72630	0.554	ppbv #	92
20) Methylene Chloride	3.922	84	521163	9.663	ppbv	97
25) Ethyl Acetate	5.198	43	624497	2.587	ppbv #	89
26) Hexane	5.201	57	648780	5.786	ppbv #	52
27) Carbon Disulfide	4.112	76	105437	0.799	ppbv	96
29) Chloroform	5.266	83	1794332	9.647	ppbv	100
30) Cyclohexane	6.594	84	57727	0.619	ppbv	92
34) 2-Butanone	4.774	43	503387	3.585	ppbv	99
35) Carbon Tetrachloride	6.484	117	11575m	0.068	ppbv	
36) Benzene	6.362	78	388807	1.700	ppbv	97
42) Bromodichloromethane	7.246	83	26661m	0.142	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	161164	0.438	ppbv #	65
50) 4-Methyl-2-Pentanone	8.179	43	68056m	0.334	ppbv	
52) Tetrachloroethene	10.610	164	25209m	0.340	ppbv	
53) Toluene	9.214	91	1417921	5.708	ppbv	99
58) Ethyl Benzene	12.082	91	407662	1.251	ppbv	94
59) m/p-Xylene	12.339	91	1253257	4.308	ppbv	97
60) o-Xylene	13.053	91	470570	1.698	ppbv	99
61) Styrene	12.896	104	35507m	0.278	ppbv	
62) Isopropylbenzene	14.031	105	33416m	0.080	ppbv	
64) n-propylbenzene	14.912	120	24872m	0.231	ppbv	
65) tert-Butylbenzene	16.098	119	60315m	0.164	ppbv	
69) p-Isopropyltoluene	16.989	119	256908	0.575	ppbv	97
72) 4-Ethyltoluene	15.191	105	149663	0.461	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.343	105	107305	0.375	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.101	105	511834	1.533	ppbv #	62
79) Naphthalene	21.384	128	57470m	0.203	ppbv	

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

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