

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041438.D
 Acq On : 29 Jul 2024 21:06
 Operator : SY/MD
 Sample : P3342-05DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02DUP

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:54:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	937032	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.655	114	2551024	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2371817	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1858168 10.180 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	98632	0.612	ppbv	99
4) Chloromethane	2.812	50	46061	0.776	ppbv	97
9) Propene	2.706	41	169301m	3.304	ppbv	
10) Heptane	7.581	43	320760	2.786	ppbv	100
11) Trichlorofluoromethane	3.568	101	35703	0.249	ppbv	89
13) Ethanol	3.246	45	7204217	1572.971	ppbv	94
15) Acetone	3.468	43	1329586	12.488	ppbv #	51
19) Isopropyl Alcohol	3.587	45	2160821	34.716	ppbv #	98
20) Methylene Chloride	3.938	84	272021	6.852	ppbv	96
26) Hexane	5.217	57	1483418	16.907	ppbv #	49
27) Carbon Disulfide	4.124	76	22415	0.218	ppbv #	74
29) Chloroform	5.275	83	26900m	0.188	ppbv	
30) Cyclohexane	6.606	84	148411	2.077	ppbv	92
34) 2-Butanone	4.790	43	253162	2.052	ppbv	98
35) Carbon Tetrachloride	6.497	117	9554m	0.068	ppbv	
36) Benzene	6.372	78	770151	4.132	ppbv	98
41) Tetrahydrofuran	5.555	42	40065m	0.568	ppbv	
43) Methyl Methacrylate	7.475	69	57401	0.859	ppbv #	72
44) 2,2,4-Trimethylpentane	7.330	57	862531	2.770	ppbv #	84
52) Tetrachloroethene	10.610	164	10945m	0.152	ppbv	
53) Toluene	9.221	91	3002901	14.463	ppbv	99
58) Ethyl Benzene	12.089	91	874060	3.197	ppbv	95
59) m/p-Xylene	12.339	91	1248439	5.290	ppbv	96
60) o-Xylene	13.053	91	484502	2.170	ppbv	98
61) Styrene	12.899	104	457556	4.543	ppbv	100
62) Isopropylbenzene	14.024	105	37848m	0.112	ppbv	
64) n-propylbenzene	14.924	120	13364m	0.151	ppbv	
72) 4-Ethyltoluene	15.195	105	64601m	0.246	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	46928m	0.207	ppbv	
74) 1,2,4-Trimethylbenzene	16.105	105	172434	0.655	ppbv #	70

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

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