

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041685.D
 Acq On : 7 Nov 2024 19:44
 Operator : SY/MD
 Sample : P4696-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 03:52:53 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.185	49	997762	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.645	114	2739725	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.455	117	2460095	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.767	95	1817731	10.028	ppbv	0.00
Spiked Amount		10.000	Range 65 - 135		Recovery	= 100.300%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.722	85	49514	0.275	ppbv	94
4) Chloromethane		2.806	50	11659	0.169	ppbv	96
9) Propene		2.700	41	126368	2.231	ppbv #	78
10) Heptane		7.571	43	41446	0.327	ppbv	88
11) Trichlorofluoromethane		3.552	101	16384m	0.104	ppbv	
13) Ethanol		3.234	45	886981	255.724	ppbv	100
15) Acetone		3.455	43	5965604	48.581	ppbv	95
17) tert-Butyl alcohol		3.877	59	99243m	0.921	ppbv	
19) Isopropyl Alcohol		3.571	45	7037090	119.897	ppbv #	97
20) Methylene Chloride		3.928	84	14015	0.310	ppbv	97
26) Hexane		5.208	57	66127	0.677	ppbv #	36
27) Carbon Disulfide		4.121	76	18119	0.165	ppbv #	79
29) Chloroform		5.262	83	16209m	0.101	ppbv	
34) 2-Butanone		4.780	43	430285	3.154	ppbv	99
35) Carbon Tetrachloride		6.484	117	5452m	0.038	ppbv	
36) Benzene		6.362	78	29709m	0.146	ppbv	
51) 2-Hexanone		9.548	43	124925m	0.819	ppbv	
52) Tetrachloroethene		10.603	164	7453m	0.108	ppbv	
53) Toluene		9.214	91	159882	0.749	ppbv	100
59) m/p-Xylene		12.343	91	53649m	0.222	ppbv	
60) o-Xylene		13.047	91	42794m	0.186	ppbv	
72) 4-Ethyltoluene		15.175	105	45726m	0.171	ppbv	
73) 1,3,5-Trimethylbenzene		15.342	105	44079m	0.188	ppbv	
74) 1,2,4-Trimethylbenzene		16.095	105	145310	0.532	ppbv #	71

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

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