

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041628.D
 Acq On : 25 Sep 2024 17:57
 Operator : SY/MD
 Sample : P4199-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:22:58 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1042778	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2753078	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2544295	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1880097	10.038	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.700	85	42183	0.280	ppbv	90
4) Chloromethane	2.783	50	15289	0.220	ppbv	97
5) Vinyl Chloride	2.893	62	3307m	0.055	ppbv	
9) Propene	2.668	41	361588	6.778	ppbv	97
10) Heptane	7.565	43	238875	1.912	ppbv	99
11) Trichlorofluoromethane	3.536	101	80383	0.502	ppbv	96
13) Ethanol	3.217	45	127562	31.804	ppbv	98
15) Acetone	3.439	43	3473232	26.531	ppbv #	86
17) tert-Butyl alcohol	3.867	59	61003	0.530	ppbv	96
20) Methylene Chloride	3.909	84	21097	0.429	ppbv #	80
26) Hexane	5.192	57	174378	1.779	ppbv #	38
27) Carbon Disulfide	4.102	76	91194	0.875	ppbv #	89
29) Chloroform	5.253	83	28575m	0.178	ppbv	
30) Cyclohexane	6.584	84	25340m	0.335	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	3770m	0.041	ppbv	
32) 1,1,1-Trichloroethane	5.989	97	8548m	0.060	ppbv	
34) 2-Butanone	4.761	43	3491583	26.597	ppbv	98
35) Carbon Tetrachloride	6.468	117	8071m	0.060	ppbv	
36) Benzene	6.352	78	124888	0.653	ppbv	94
38) Trichloroethene	7.285	130	7066m	0.072	ppbv	
50) 4-Methyl-2-Pentanone	8.175	43	82469m	0.407	ppbv	
51) 2-Hexanone	9.542	43	338027	2.204	ppbv #	95
52) Tetrachloroethene	10.603	164	612628	8.849	ppbv	96
53) Toluene	9.204	91	792738	3.906	ppbv	98
58) Ethyl Benzene	12.076	91	144884	0.532	ppbv	97
59) m/p-Xylene	12.333	91	546655	2.255	ppbv	97
60) o-Xylene	13.047	91	150135m	0.646	ppbv	
72) 4-Ethyltoluene	15.178	105	55206	0.203	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.336	105	34591m	0.144	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	141805	0.505	ppbv #	67

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

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