

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041267.D
 Acq On : 21 May 2024 16:11
 Operator : SY/MD
 Sample : P2534-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:45:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Wed May 22 05:39:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1072408	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2783030	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2616223	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2111951	10.693	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	16340	0.113	ppbv #	88
9) Propene	2.716	41	47950	0.752	ppbv #	80
10) Heptane	7.578	43	38745	0.251	ppbv	90
11) Trichlorofluoromethane	3.571	101	126957	0.861	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	539084	4.945	ppbv	100
13) Ethanol	3.256	45	20274m	1.419	ppbv	
15) Acetone	3.478	43	909472	7.186	ppbv	95
20) Methylene Chloride	3.941	84	597200	13.569	ppbv	95
26) Hexane	5.221	57	410866	3.645	ppbv #	41
27) Carbon Disulfide	4.134	76	31015	0.232	ppbv #	80
29) Chloroform	5.279	83	107104	0.689	ppbv	93
32) 1,1,1-Trichloroethane	6.005	97	124739	0.804	ppbv	95
34) 2-Butanone	4.793	43	673231	4.753	ppbv	100
36) Benzene	6.372	78	27742	0.119	ppbv #	87
37) 1,2-Dichloroethane	5.812	62	13266	0.109	ppbv #	96
38) Trichloroethene	7.298	130	138363m	1.590	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	55246m	0.137	ppbv	
51) 2-Hexanone	9.565	43	145991	0.774	ppbv #	95
52) Tetrachloroethene	10.629	164	7230586	88.085	ppbv	95
53) Toluene	9.224	91	189134	0.698	ppbv	99
58) Ethyl Benzene	12.092	91	68305m	0.190	ppbv	
59) m/p-Xylene	12.352	91	155738	0.517	ppbv	92
60) o-Xylene	13.060	91	92097	0.326	ppbv	95
64) n-propylbenzene	14.928	120	14870m	0.141	ppbv	
65) tert-Butylbenzene	16.111	119	35317	0.093	ppbv #	61
70) n-Butylbenzene	17.899	91	60950m	0.133	ppbv	
72) 4-Ethyltoluene	15.201	105	71589m	0.224	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	94443m	0.326	ppbv	
74) 1,2,4-Trimethylbenzene	16.105	105	306432	0.969	ppbv #	64

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

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