

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037074.D
 Acq On : 1 Jun 2021 17:41
 Operator : SY/AP
 Sample : M2559-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG3DL

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:34 PM

Quant Time: Jun 02 03:54:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1582975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4689660	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4324558	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3411733	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	101999	0.982	ppbv #	80
10) Heptane	8.11	43	4035002	15.591	ppbv	99
11) Trichlorofluoromethane	3.94	101	32656m	0.131	ppbv	
13) Ethanol	3.61	45	332878	24.025	ppbv	99
15) Acetone	3.85	43	1235226	7.618	ppbv	92
17) tert-Butyl alcohol	4.31	59	89031	0.599	ppbv #	88
19) Isopropyl Alcohol	3.98	45	53752m	0.617	ppbv	
20) Methylene Chloride	4.33	84	228567	2.630	ppbv	97
26) Hexane	5.68	57	596639	2.998	ppbv #	47
30) Cyclohexane	7.11	84	176792	1.045	ppbv #	72
34) 2-Butanone	5.24	43	131596	0.771	ppbv #	89
36) Benzene	6.88	78	441917	1.094	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	248604m	0.882	ppbv	
52) Tetrachloroethene	11.21	164	46792m	0.291	ppbv	
53) Toluene	9.79	91	5076440	10.562	ppbv	100
58) Ethyl Benzene	12.70	91	709145	1.162	ppbv	99
59) m/p-Xylene	12.95	91	1898464	3.763	ppbv	97
60) o-Xylene	13.67	91	458157	0.952	ppbv	98
61) Stvrene	13.51	104	75836m	0.280	ppbv	
62) Isopropylbenzene	14.65	105	1538006	2.224	ppbv	97
64) n-propylbenzene	15.55	120	42985m	0.241	ppbv	
72) 4-Ethyltoluene	15.82	105	218530	0.383	ppbv	97
73) 1,3,5-Trimethylbenzene	15.99	105	106867m	0.199	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	382833m	0.690	ppbv	

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

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