

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037111.D
 Acq On : 2 Jun 2021 21:33
 Operator : SY/AP
 Sample : M2548-12
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-1A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:01:12 PM

Quant Time: Jun 06 20:16:23 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	1351188	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3971277	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3584195	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2782509	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	164739	0.719	ppbv	97
4) Chloromethane	3.13	50	107571	1.277	ppbv	91
7) Chloroethane	3.55	64	8240	0.276	ppbv	96
9) Propene	3.00	41	667864	7.535	ppbv	88
10) Heptane	8.10	43	70966m	0.321	ppbv	
11) Trichlorofluoromethane	3.94	101	148938	0.702	ppbv	98
13) Ethanol	3.60	45	4514264	381.700	ppbv	93
15) Acetone	3.83	43	9650136	69.727	ppbv	98
17) tert-Butyl alcohol	4.30	59	72727m	0.574	ppbv	
19) Isopropyl Alcohol	3.97	45	830848	11.168	ppbv #	1
20) Methylene Chloride	4.33	84	1682004	22.673	ppbv	99
26) Hexane	5.67	57	1347385	7.931	ppbv #	46
27) Carbon Disulfide	4.54	76	41881	0.245	ppbv #	65
29) Chloroform	5.74	83	226598	0.944	ppbv	95
34) 2-Butanone	5.23	43	646690	4.472	ppbv	99
35) Carbon Tetrachloride	7.01	117	14594m	0.055	ppbv	
36) Benzene	6.87	78	435089	1.272	ppbv	97
38) Trichloroethene	7.82	130	5542m	0.038	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	117112	0.200	ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	60421	0.253	ppbv #	70
51) 2-Hexanone	10.13	43	49260m	0.390	ppbv	
52) Tetrachloroethene	11.21	164	6738m	0.050	ppbv	
53) Toluene	9.79	91	387815	0.953	ppbv	99
58) Ethyl Benzene	12.69	91	871336	1.722	ppbv	99
59) m/p-Xylene	12.95	91	4483368	10.722	ppbv	97
60) o-Xylene	13.67	91	2513300	6.302	ppbv	99
61) Styrene	13.51	104	107250m	0.477	ppbv	
62) Isopropylbenzene	14.65	105	57551m	0.100	ppbv	
69) p-Isopropyltoluene	17.63	119	92099m	0.152	ppbv	
72) 4-Ethyltoluene	15.82	105	85419m	0.180	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	118273	0.266	ppbv	88
74) 1,2,4-Trimethylbenzene	16.74	105	363605	0.791	ppbv #	70
79) Naphthalene	22.17	128	44107m	0.122	ppbv	

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

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