

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036753.D
 Acq On : 8 Apr 2021 16:46
 Operator : SY/AP
 Sample : M1981-02DUP 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DUP

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:46:51 AM

Quant Time: Apr 09 12:05:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1498156	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3720911	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3033440	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2091021m	8.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	346370	3.407	ppbv	93
9) Propene	3.00	41	341048	3.822	ppbv	95
10) Heptane	8.12	43	214384	0.943	ppbv	89
13) Ethanol	3.60	45	31940m	3.006	ppbv	
15) Acetone	3.84	43	6316241	42.835	ppbv	99
19) Isopropyl Alcohol	3.97	45	409269	5.046	ppbv #	1
20) Methylene Chloride	4.34	84	63904	0.926	ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	30803m	0.469	ppbv	
26) Hexane	5.68	57	239179	1.470	ppbv #	48
27) Carbon Disulfide	4.54	76	207234	1.293	ppbv	95
30) Cyclohexane	7.12	84	179553	1.361	ppbv #	72
31) cis-1,2-Dichloroethene	5.55	61	662242	4.209	ppbv	98
34) 2-Butanone	5.24	43	1320770	7.272	ppbv	99
36) Benzene	6.89	78	436491	1.272	ppbv	97
38) Trichloroethene	7.83	130	725034	5.429	ppbv	93
44) 2,2,4-Trimethylpentane	7.87	57	3140603	5.200	ppbv #	74
52) Tetrachloroethene	11.22	164	7484m	0.059	ppbv	
53) Toluene	9.81	91	274374	0.751	ppbv	98
58) Ethyl Benzene	12.71	91	332019	0.752	ppbv	91
59) m/p-Xylene	12.97	91	690437	1.794	ppbv	90
60) o-Xylene	13.69	91	703880	1.891	ppbv	99
62) Isopropylbenzene	14.67	105	160807	0.321	ppbv	99
67) sec-Butylbenzene	17.30	105	129670	0.211	ppbv	98
69) p-Isopropyltoluene	17.66	119	235884m	0.492	ppbv	
72) 4-Ethyltoluene	15.84	105	247300	0.606	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.00	105	430645	1.131	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	700738	1.720	ppbv #	67
76) 1,4-Dichlorobenzene	17.13	146	30450m	0.134	ppbv	
79) Naphthalene	22.20	128	107506m	0.452	ppbv	

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

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