

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036718.D
 Acq On : 7 Apr 2021 4:25
 Operator : SY/AP
 Sample : M1929-04
 Misc : 400mL/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-04

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:11:54 AM

Quant Time: Apr 08 12:32:03 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	5.67	49	122235	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3062106	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2754566	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2186695	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	32239	0.162	ppbv	96
3) Chlorodifluoromethane	2.99	51	54017m	0.237	ppbv	
4) Chloromethane	3.14	50	42785m	0.530	ppbv	
9) Propene	3.01	41	152133	2.090	ppbv	92
10) Heptane	8.12	43	49243m	0.266	ppbv	
11) Trichlorofluoromethane	3.95	101	44991	0.221	ppbv	90
13) Ethanol	3.61	45	237597m	27.407	ppbv	
15) Acetone	3.85	43	1870119	15.546	ppbv	94
17) tert-Butyl alcohol	4.32	59	35681m	0.341	ppbv	
19) Isopropyl Alcohol	3.97	45	1099672	16.618	ppbv	99
20) Methylene Chloride	4.34	84	128071	2.274	ppbv	93
26) Hexane	5.69	57	145234	1.094	ppbv	# 44
29) Chloroform	5.75	83	23384	0.110	ppbv	90
30) Cyclohexane	7.16	84	38930m	0.362	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	38154m	0.178	ppbv	
34) 2-Butanone	5.25	43	310209m	2.075	ppbv	
35) Carbon Tetrachloride	7.02	117	13881m	0.059	ppbv	
36) Benzene	6.89	78	247269	0.876	ppbv	96
37) 1,2-Dichloroethane	6.30	62	27739	0.167	ppbv	97
39) 1,2-Dichloropropane	7.61	63	29144m	0.254	ppbv	
41) Tetrahydrofuran	6.04	42	51252m	0.744	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	148373	0.299	ppbv	# 79
52) Tetrachloroethene	11.23	164	49841m	0.479	ppbv	
53) Toluene	9.81	91	4501146	14.967	ppbv	99
58) Ethyl Benzene	12.72	91	179872	0.449	ppbv	93
59) m/p-Xylene	12.97	91	709737	2.030	ppbv	95
60) o-Xylene	13.70	91	324284	0.959	ppbv	99
72) 4-Ethyltoluene	15.84	105	69716m	0.188	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	59142	0.171	ppbv	97
74) 1,2,4-Trimethylbenzene	16.77	105	218230	0.590	ppbv	# 68
76) 1,4-Dichlorobenzene	17.14	146	23542m	0.114	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	19112m	0.109	ppbv	
79) Naphthalene	22.21	128	58199m	0.270	ppbv	

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

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