

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036108.D
 Acq On : 8 Dec 2020 23:46
 Operator : SY/AP
 Sample : L4949-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:24 PM

Quant Time: Dec 09 22:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1106921	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2558302	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2323889	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1946599	10.55	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	34009	0.264	ppbv	100
3) Chlorodifluoromethane	2.99	51	91778m	0.727	ppbv	
4) Chloromethane	3.14	50	29402	0.474	ppbv #	84
9) Propene	3.02	41	1563237m	24.709	ppbv	
10) Heptane	8.13	43	331398	2.051	ppbv	95
11) Trichlorofluoromethane	3.95	101	54628m	0.360	ppbv	
13) Ethanol	3.62	45	3528249	404.542	ppbv	84
15) Acetone	3.85	43	15491646	116.448	ppbv #	85
19) Isopropyl Alcohol	3.99	45	3477768	42.771	ppbv #	100
20) Methylene Chloride	4.36	84	321748	5.902	ppbv	98
25) Ethyl Acetate	5.68	43	3199725	12.039	ppbv #	63
26) Hexane	5.69	57	559909m	4.681	ppbv	
29) Chloroform	5.76	83	16321m	0.104	ppbv	
30) Cyclohexane	7.14	84	51519m	0.586	ppbv	
34) 2-Butanone	5.25	43	5042148	29.712	ppbv	99
35) Carbon Tetrachloride	7.03	117	9751m	0.065	ppbv	
36) Benzene	6.90	78	144872	0.668	ppbv #	91
38) Trichloroethene	7.84	130	16366m	0.202	ppbv	
41) Tetrahydrofuran	6.05	42	702501	6.968	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	1082482	2.757	ppbv #	71
50) 4-Methyl-2-Pentanone	8.75	43	1735777	6.859	ppbv	99
52) Tetrachloroethene	11.24	164	95512m	1.217	ppbv	
53) Toluene	9.83	91	15704518	64.506	ppbv	84
58) Ethyl Benzene	12.73	91	1611958	5.062	ppbv	99
59) m/p-Xylene	12.98	91	4906348	18.291	ppbv	96
60) o-Xylene	13.71	91	1754941	6.944	ppbv	97
61) Styrene	13.54	104	78717	0.485	ppbv	92
62) Isopropylbenzene	14.68	105	101342m	0.271	ppbv	
64) n-propylbenzene	15.58	120	83190	0.923	ppbv	78
65) tert-Butylbenzene	16.78	119	121422m	0.396	ppbv	
72) 4-Ethyltoluene	15.85	105	473611	1.730	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	437032	1.672	ppbv	96
74) 1,2,4-Trimethylbenzene	16.78	105	1172890	4.469	ppbv #	64

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

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