

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036102.D
 Acq On : 8 Dec 2020 19:49
 Operator : SY/AP
 Sample : L4949-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:13 PM

Quant Time: Dec 09 22:27:54 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	5.69	49	1139941	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2647283	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2421775	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2114093	10.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	30245	0.228	ppbv	92
3) Chlorodifluoromethane	2.99	51	47759	0.367	ppbv #	91
4) Chloromethane	3.14	50	28161	0.441	ppbv	93
9) Propene	3.02	41	716826m	11.002	ppbv	
10) Heptane	8.14	43	2544204	15.289	ppbv	99
11) Trichlorofluoromethane	3.95	101	38513m	0.247	ppbv	
13) Ethanol	3.66	45	4396725	489.517	ppbv	83
15) Acetone	3.85	43	23065492	168.357	ppbv #	76
19) Isopropyl Alcohol	4.02	45	1597356m	19.076	ppbv	
20) Methylene Chloride	4.36	84	109087m	1.943	ppbv	
25) Ethyl Acetate	5.69	43	5920076	21.630	ppbv	97
26) Hexane	5.70	57	2041350m	16.572	ppbv	
30) Cyclohexane	7.14	84	829127	9.163	ppbv	96
34) 2-Butanone	5.26	43	6666077	37.962	ppbv	99
35) Carbon Tetrachloride	7.04	117	10110m	0.065	ppbv	
36) Benzene	6.91	78	1273469	5.676	ppbv	94
41) Tetrahydrofuran	6.06	42	1832683	17.568	ppbv	97
44) 2,2,4-Trimethylpentane	7.88	57	6483406	15.957	ppbv #	81
50) 4-Methyl-2-Pentanone	8.77	43	870259	3.323	ppbv	100
52) Tetrachloroethene	11.24	164	6376m	0.079	ppbv	
53) Toluene	9.83	91	19097564	75.807	ppbv #	79
58) Ethyl Benzene	12.73	91	6341181	19.106	ppbv	95
59) m/p-Xylene	13.00	91	15787317	56.477	ppbv	87
60) o-Xylene	13.72	91	7161611	27.192	ppbv	98
61) Styrene	13.55	104	136692	0.808	ppbv	97
62) Isopropylbenzene	14.69	105	750325	1.922	ppbv	97
64) n-propylbenzene	15.58	120	685830	7.302	ppbv	87
65) tert-Butylbenzene	16.79	119	1102117	3.449	ppbv #	67
67) sec-Butylbenzene	17.32	105	290129	0.649	ppbv	99
69) p-Isopropyltoluene	17.68	119	156912m	0.441	ppbv	
70) n-Butylbenzene	18.57	91	876649m	2.493	ppbv	
72) 4-Ethyltoluene	15.87	105	3726413	13.062	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	3416296	12.538	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	9173249	33.539	ppbv #	72
79) Naphthalene	22.23	128	477720	3.436	ppbv	96

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

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