

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036075.D
 Acq On : 7 Dec 2020 21:48
 Operator : SY/AP
 Sample : L4949-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DUP

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:53:51 AM

Quant Time: Dec 08 21:16:29 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	5.70	49	996323	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	2557196	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.12	117	2294634	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1992916	10.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	40460m	0.348	ppbv	
3) Chlorodifluoromethane	3.00	51	54986	0.484	ppbv	97
4) Chloromethane	3.15	50	34688	0.622	ppbv #	81
9) Propene	3.03	41	1140616m	20.030	ppbv	
10) Heptane	8.14	43	940826	6.469	ppbv	99
11) Trichlorofluoromethane	3.96	101	50239	0.368	ppbv	99
13) Ethanol	3.65	45	1077671	137.280	ppbv	83
15) Acetone	3.87	43	17381555	145.157	ppbv #	86
19) Isopropyl Alcohol	4.02	45	8307906	113.516	ppbv #	100
20) Methylene Chloride	4.37	84	440523m	8.978	ppbv	
25) Ethyl Acetate	5.70	43	14152704	59.162	ppbv #	79
30) Cyclohexane	7.15	84	208793	2.640	ppbv	96
34) 2-Butanone	5.28	43	6495383	38.293	ppbv	98
35) Carbon Tetrachloride	7.05	117	12304m	0.083	ppbv	
36) Benzene	6.92	78	555735	2.564	ppbv	96
38) Trichloroethene	7.87	130	11883m	0.147	ppbv	
41) Tetrahydrofuran	6.07	42	2075912	20.600	ppbv	99
44) 2,2,4-Trimethylpentane	7.90	57	2330727	5.939	ppbv #	89
50) 4-Methyl-2-Pentanone	8.78	43	1393788	5.510	ppbv	99
52) Tetrachloroethene	11.26	164	52785m	0.673	ppbv	
53) Toluene	9.86	91	27109793	111.402	ppbv #	70
58) Ethyl Benzene	12.75	91	3719809	11.829	ppbv	99
59) m/p-Xylene	13.00	91	9044926	34.150	ppbv	92
60) o-Xylene	13.73	91	3154214	12.640	ppbv	99
61) Styrene	13.56	104	1216591	7.594	ppbv	99
62) Isopropylbenzene	14.70	105	221306	0.598	ppbv	100
64) n-propylbenzene	15.59	120	164511	1.849	ppbv	90
70) n-Butylbenzene	18.58	91	72935m	0.219	ppbv	
72) 4-Ethyltoluene	15.87	105	812356	3.005	ppbv	96
73) 1,3,5-Trimethylbenzene	16.03	105	486094	1.883	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	1197495	4.621	ppbv #	66

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

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