

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032449.D
 Acq On : 31 Aug 2018 20:29
 Operator : SY/AP
 Sample : J4717-04
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-03

Manual Integrations
 APPROVED

apatel
 9/4/2018 8:28:35 AM

Quant Time: Sep 02 22:46:31 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 2018

QLast Update : Fri Aug 31 21:33:46 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1500611	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3188341	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3102050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2376436	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.10	85	29447	0.153	ppbv	95
3) Chlorodifluoromethane	3.04	51	33500	0.247	ppbv	96
4) Chloromethane	3.20	50	41497	0.505	ppbv	100
5) Vinyl Chloride	3.32	62	3462	0.043	ppbv	96
9) Propene	3.06	41	6096686	111.265	ppbv	97
10) Heptane	8.30	43	707848	3.601	ppbv	100
11) Trichlorofluoromethane	4.04	101	96376	0.557	ppbv	99
13) Ethanol	3.69	45	943170	55.220	ppbv	99
15) Acetone	3.94	43	19208233	142.143	ppbv #	70
16) 1,3-Butadiene	3.37	39	2638126m	41.487	ppbv	
17) tert-Butyl alcohol	4.40	59	1449970	69.724	ppbv #	100
20) Methylene Chloride	4.46	84	569339	11.049	ppbv	96
26) Hexane	5.83	57	1616404	11.312	ppbv #	41
27) Carbon Disulfide	4.66	76	563355	4.271	ppbv	99
29) Chloroform	5.90	83	116761	0.536	ppbv	89
30) Cyclohexane	7.30	84	106546	1.018	ppbv	87
34) 2-Butanone	5.37	43	4732180	22.345	ppbv	100
36) Benzene	7.06	78	1014201	3.738	ppbv	98
41) Tetrahydrofuran	6.20	42	122405	1.062	ppbv	91
44) 2,2,4-Trimethylpentane	8.04	57	899704	1.715	ppbv #	77
50) 4-Methyl-2-Pentanone	8.92	43	663742	2.081	ppbv	99
51) 2-Hexanone	10.32	43	1647181	8.016	ppbv #	97
52) Tetrachloroethene	11.43	164	208875	2.483	ppbv	95
53) Toluene	10.00	91	4814273	16.975	ppbv	99
58) Ethyl Benzene	12.92	91	1708084	4.601	ppbv	99
59) m/p-Xylene	13.18	91	4824313	14.577	ppbv	97
60) o-Xylene	13.91	91	1524871	4.691	ppbv	97
62) Isopropylbenzene	14.88	105	137130	0.300	ppbv	93
64) n-propylbenzene	15.77	120	177638	1.487	ppbv	88
72) 4-Ethyltoluene	16.06	105	999655	2.816	ppbv	99
73) 1,3,5-Trimethylbenzene	16.22	105	546936	1.538	ppbv	92
74) 1,2,4-Trimethylbenzene	17.00	105	1808730	4.653	ppbv #	68
79) Naphthalene	22.49	128	151992	0.481	ppbv	99

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

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