

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032446.D
 Acq On : 31 Aug 2018 18:25
 Operator : SY/AP
 Sample : J4717-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-08

Manual Integrations
 APPROVED

apatel
 9/4/2018 8:26:34 AM

Quant Time: Sep 02 22:44:06 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

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	1962937	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3946453	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3749653	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2859017	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.11	85	366063	1.458	ppbv	98
3) Chlorodifluoromethane	3.04	51	76151m	0.429	ppbv	
4) Chloromethane	3.20	50	34129	0.317	ppbv	89
9) Propene	3.06	41	4003651	55.857	ppbv	98
10) Heptane	8.30	43	546110	2.124	ppbv	100
11) Trichlorofluoromethane	4.04	101	7268282	32.103	ppbv	97
13) Ethanol	3.69	45	2173212	97.268	ppbv	96
15) Acetone	3.94	43	15162844	85.779	ppbv #	80
16) 1,3-Butadiene	3.38	39	1794600m	21.575	ppbv	
17) tert-Butyl alcohol	4.40	59	1865621	68.582	ppbv #	100
19) Isopropyl Alcohol	4.07	45	424923	3.664	ppbv #	93
20) Methylene Chloride	4.45	84	507938	7.536	ppbv	97
26) Hexane	5.82	57	1359963	7.276	ppbv #	43
27) Carbon Disulfide	4.66	76	1083479	6.279	ppbv	100
29) Chloroform	5.90	83	83858	0.294	ppbv	91
30) Cyclohexane	7.30	84	77293	0.565	ppbv #	81
34) 2-Butanone	5.37	43	4843747	18.478	ppbv	99
35) Carbon Tetrachloride	7.19	117	8250m	0.031	ppbv	
36) Benzene	7.06	78	1313153	3.910	ppbv	99
41) Tetrahydrofuran	6.20	42	321226	2.251	ppbv	94
44) 2,2,4-Trimethylpentane	8.04	57	339978	0.524	ppbv #	70
50) 4-Methyl-2-Pentanone	8.92	43	789591	2.000	ppbv	96
51) 2-Hexanone	10.31	43	1395174	5.485	ppbv #	99
52) Tetrachloroethene	11.43	164	74880	0.719	ppbv #	82
53) Toluene	10.00	91	4834917	13.773	ppbv	98
58) Ethyl Benzene	12.92	91	1639029	3.653	ppbv	99
59) m/p-Xylene	13.18	91	4740497	11.850	ppbv	98
60) o-Xylene	13.90	91	1484631	3.778	ppbv	98
62) Isopropylbenzene	14.88	105	121788	0.220	ppbv	97
64) n-propylbenzene	15.78	120	151948	1.052	ppbv	76
65) tert-Butylbenzene	16.99	119	202644	0.426	ppbv #	73
72) 4-Ethyltoluene	16.06	105	911634	2.125	ppbv #	98
73) 1,3,5-Trimethylbenzene	16.21	105	467112	1.087	ppbv	91
74) 1,2,4-Trimethylbenzene	16.99	105	1849109	3.935	ppbv #	69
79) Naphthalene	22.50	128	201938	0.528	ppbv	97

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

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