

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032362.D
 Acq On : 15 Aug 2018 21:52
 Operator : SY/AP
 Sample : J4457-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS01-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:42 PM

Quant Time: Aug 16 22:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	2235820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.36	114	4423761	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	4212723	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3225199	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.05	51	52511m	0.25	ppbv	
4) Chloromethane	3.21	50	29605	0.24	ppbv #	88
9) Propene	3.08	41	173942	1.96	ppbv #	76
10) Heptane	8.31	43	125233	0.47	ppbv	91
11) Trichlorofluoromethane	4.05	101	80125	0.32	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.60	101	17240	0.10	ppbv	93
13) Ethanol	3.71	45	7150861	314.10	ppbv	98
15) Acetone	3.94	43	14138019	66.56	ppbv #	88
19) Isopropyl Alcohol	4.09	45	8313244	58.12	ppbv #	1
20) Methylene Chloride	4.46	84	831857	10.37	ppbv	96
26) Hexane	5.83	57	747486	3.68	ppbv #	44
27) Carbon Disulfide	4.67	76	63544	0.34	ppbv #	80
29) Chloroform	5.91	83	69434	0.23	ppbv	93
32) 1,1,1-Trichloroethane	6.68	97	9947m	0.03	ppbv	
34) 2-Butanone	5.38	43	2766030	9.19	ppbv	99
35) Carbon Tetrachloride	7.20	117	449264	1.72	ppbv	97
36) Benzene	7.07	78	759463	2.02	ppbv	97
38) Trichloroethene	8.03	130	11800m	0.09	ppbv	
50) 4-Methyl-2-Pentanone	8.94	43	988009	2.27	ppbv	100
51) 2-Hexanone	10.34	43	289645m	0.95	ppbv	
52) Tetrachloroethene	11.45	164	4993157	45.14	ppbv	93
53) Toluene	10.02	91	1327697	3.23	ppbv	97
58) Ethyl Benzene	12.94	91	244525	0.48	ppbv	90
59) m/p-Xylene	13.19	91	794026m	1.84	ppbv	
60) o-Xylene	13.92	91	201868	0.48	ppbv	99
70) n-Butylbenzene	18.79	91	78582	0.12	ppbv #	49
73) 1,3,5-Trimethylbenzene	16.22	105	126663	0.28	ppbv	93
74) 1,2,4-Trimethylbenzene	16.99	105	436448	0.90	ppbv #	69
77) 1,2-Dichlorobenzene	18.06	146	66499	0.24	ppbv	97
79) Naphthalene	22.49	128	223777m	0.81	ppbv	
80) Naphthalene,2-methyl-	25.16	142	23706	0.25	ppbv #	88

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

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