

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032212.D
 Acq On : 5 Jul 2018 20:45
 Operator : SY/AP
 Sample : J3867-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 539A

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:47:35 AM

Quant Time: Jul 06 17:04:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1465733	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3755986	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3788187	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2873859	9.92	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	33807	0.18	ppbv	93
3) Chlorodifluoromethane	3.07	51	95204	0.53	ppbv	96
4) Chloromethane	3.23	50	55159	0.58	ppbv	91
9) Propene	3.09	41	70316	0.84	ppbv	87
10) Heptane	8.34	43	65976	0.27	ppbv	95
11) Trichlorofluoromethane	4.07	101	71489	0.34	ppbv	96
13) Ethanol	3.72	45	325332	12.86	ppbv	97
15) Acetone	3.96	43	1878914	10.96	ppbv	99
17) tert-Butyl alcohol	4.44	59	34646m	0.32	ppbv	
20) Methylene Chloride	4.48	84	379878	6.07	ppbv	94
26) Hexane	5.86	57	3012780	18.45	ppbv #	45
27) Carbon Disulfide	4.69	76	82113	0.51	ppbv #	95
30) Cyclohexane	7.34	84	36841	0.24	ppbv #	84
34) 2-Butanone	5.41	43	259830	1.09	ppbv	100
35) Carbon Tetrachloride	7.23	117	18396	0.07	ppbv #	92
36) Benzene	7.09	78	133631	0.37	ppbv	98
38) Trichloroethene	8.05	130	66147	0.47	ppbv	97
44) 2,2,4-Trimethylpentane	8.08	57	246069	0.39	ppbv #	78
52) Tetrachloroethene	11.47	164	7940m	0.06	ppbv	
53) Toluene	10.04	91	478866	1.09	ppbv	100
58) Ethyl Benzene	12.96	91	157511	0.26	ppbv #	88
59) m/p-Xylene	13.22	91	407690m	0.83	ppbv	
60) o-Xylene	13.95	91	205756	0.42	ppbv	93
72) 4-Ethyltoluene	16.10	105	89040	0.14	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.25	105	116947m	0.20	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	316107	0.53	ppbv #	75

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

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