

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032494.D
 Acq On : 11 Sep 2018 1:22
 Operator : SY/AP
 Sample : J4820-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRY

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 3:59:44 PM

Quant Time: Sep 11 16:10:28 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	5.83	49	1392617	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.36	114	3270027	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.30	117	3103131	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2461772	10.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.10	85	110873	0.62	ppbv	97
3) Chlorodifluoromethane	3.04	51	84462m	0.67	ppbv	
4) Chloromethane	3.19	50	89286	1.17	ppbv	93
7) Chloroethane	3.63	64	8195	0.31	ppbv #	78
9) Propene	3.06	41	7857116	154.51	ppbv	100
10) Heptane	8.30	43	352053	1.93	ppbv	95
11) Trichlorofluoromethane	4.04	101	852541	5.31	ppbv	95
13) Ethanol	3.71	45	1463150	92.31	ppbv	97
15) Acetone	3.95	43	13107106m	104.52	ppbv	
20) Methylene Chloride	4.46	84	629785	13.17	ppbv	93
26) Hexane	5.82	57	974731	7.35	ppbv #	31
27) Carbon Disulfide	4.66	76	546116	4.46	ppbv #	93
29) Chloroform	5.92	83	4160334	20.58	ppbv	100
30) Cyclohexane	7.29	84	114271m	1.18	ppbv	
34) 2-Butanone	5.38	43	40020758m	184.25	ppbv	
36) Benzene	7.06	78	1551450	5.58	ppbv	97
38) Trichloroethene	8.02	130	20071m	0.19	ppbv	
42) Bromodichloromethane	7.99	83	323685	1.38	ppbv #	84
48) Dibromochloromethane	10.52	129	46804m	0.27	ppbv	
51) 2-Hexanone	10.32	43	19227785	91.23	ppbv #	89
52) Tetrachloroethene	11.43	164	114890m	1.33	ppbv	
53) Toluene	10.00	91	1366582	4.70	ppbv	100
58) Ethyl Benzene	12.92	91	436404	1.18	ppbv	92
59) m/p-Xylene	13.17	91	1531328	4.63	ppbv	98
60) o-Xylene	13.90	91	733804	2.26	ppbv	99
61) Styrene	13.74	104	786011	3.73	ppbv	98
62) Isopropylbenzene	14.88	105	709142	1.55	ppbv	99
69) p-Isopropyltoluene	17.87	119	188810	0.41	ppbv #	82
72) 4-Ethyltoluene	16.05	105	243079m	0.68	ppbv	
73) 1,3,5-Trimethylbenzene	16.21	105	263258	0.74	ppbv	95
74) 1,2,4-Trimethylbenzene	16.97	105	741573	1.91	ppbv #	71
79) Naphthalene	22.47	128	107397m	0.34	ppbv	

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

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