

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032898.D
 Acq On : 5 Dec 2018 5:16
 Operator : SY/AP
 Sample : J6177-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSV-6

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:53 PM

Quant Time: Dec 05 16:15:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1271676	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3418681	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3533325	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2570595	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	88996	0.487	ppbv	98
3) Chlorodifluoromethane	3.02	51	62104	0.616	ppbv	92
4) Chloromethane	3.17	50	27758	0.497	ppbv	89
9) Propene	3.04	41	801331	19.861	ppbv	95
10) Heptane	8.25	43	173832	1.129	ppbv	97
11) Trichlorofluoromethane	4.01	101	38100	0.221	ppbv	98
13) Ethanol	3.66	45	574222	43.452	ppbv	100
15) Acetone	3.90	43	8213015	70.721	ppbv #	86
20) Methylene Chloride	4.42	84	41793	0.695	ppbv #	87
27) Carbon Disulfide	4.62	76	167409	1.096	ppbv	99
29) Chloroform	5.86	83	74639	0.348	ppbv	98
34) 2-Butanone	5.33	43	9084954	51.236	ppbv	96
35) Carbon Tetrachloride	7.14	117	18454m	0.067	ppbv	
36) Benzene	7.01	78	1697343	6.235	ppbv	98
44) 2,2,4-Trimethylpentane	7.99	57	174718m	0.384	ppbv	
51) 2-Hexanone	10.27	43	1026428	5.753	ppbv #	99
52) Tetrachloroethene	11.38	164	12632m	0.133	ppbv	
53) Toluene	9.95	91	1885273	6.638	ppbv	100
58) Ethyl Benzene	12.87	91	428080	1.007	ppbv	96
59) m/p-Xylene	13.13	91	820050	2.166	ppbv	96
60) o-Xylene	13.86	91	486211	1.277	ppbv	99
69) p-Isopropyltoluene	17.82	119	63501	0.120	ppbv #	69
73) 1,3,5-Trimethylbenzene	16.17	105	83724m	0.205	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	163167m	0.374	ppbv	

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

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