

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032896.D
 Acq On : 5 Dec 2018 3:57
 Operator : SY/AP
 Sample : J6177-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSV-4

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:41 PM

Quant Time: Dec 05 16:00:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 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	1374963	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3431306	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3527608	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.58	95	2622871	9.94	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	45377	0.230	ppbv	94
3) Chlorodifluoromethane	3.02	51	276365	2.535	ppbv	93
4) Chloromethane	3.17	50	19896	0.329	ppbv	99
9) Propene	3.04	41	516781	11.846	ppbv	97
10) Heptane	8.25	43	49911	0.300	ppbv	97
11) Trichlorofluoromethane	4.01	101	37962	0.204	ppbv	99
13) Ethanol	3.66	45	1734408	121.386	ppbv	99
15) Acetone	3.90	43	2336077	18.604	ppbv #	67
20) Methylene Chloride	4.42	84	94357	1.452	ppbv	94
26) Hexane	5.78	57	175471	1.347	ppbv #	10
27) Carbon Disulfide	4.62	76	368131	2.229	ppbv	99
34) 2-Butanone	5.33	43	6309115	35.451	ppbv	98
36) Benzene	7.01	78	235059	0.860	ppbv	99
44) 2,2,4-Trimethylpentane	8.00	57	103458m	0.227	ppbv	
51) 2-Hexanone	10.28	43	591405	3.302	ppbv #	92
52) Tetrachloroethene	11.37	164	11422m	0.120	ppbv	
53) Toluene	9.95	91	313054	1.098	ppbv	99
58) Ethyl Benzene	12.87	91	464629	1.094	ppbv	97
59) m/p-Xylene	13.13	91	1310074	3.466	ppbv	96
60) o-Xylene	13.86	91	554846	1.460	ppbv	98
61) Styrene	13.69	104	45103	0.182	ppbv #	85
74) 1,2,4-Trimethylbenzene	16.93	105	81519	0.187	ppbv #	73

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

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