

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032532.D
 Acq On : 25 Sep 2018 6:18
 Operator : SY/AP
 Sample : J5034-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-EFF-092018

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:31:39 PM

Quant Time: Sep 26 17:49:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 26 17:49:19 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1425260	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3229780	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	2962720	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.61	95	2238937	10.02	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	40218	0.305	ppbv	95
3) Chlorodifluoromethane	3.03	51	52125m	0.440	ppbv	
4) Chloromethane	3.19	50	45036	0.652	ppbv	95
5) Vinyl Chloride	3.31	62	23086	0.331	ppbv #	84
7) Chloroethane	3.62	64	16882	0.678	ppbv	91
9) Propene	3.07	41	241763m	4.701	ppbv	
11) Trichlorofluoromethane	4.02	101	157186	1.003	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.58	101	128907	1.006	ppbv	98
13) Ethanol	3.67	45	927215	59.985	ppbv	96
15) Acetone	3.92	43	771751m	6.169	ppbv	
18) 1,1-Dichloroethene	4.37	96	16650	0.278	ppbv #	69
19) Isopropyl Alcohol	4.05	45	228168m	2.618	ppbv	
20) Methylene Chloride	4.43	84	154468	2.550	ppbv	99
22) trans-1,2-Dichloroethene	4.99	96	14111	0.250	ppbv #	66
24) 1,1-Dichloroethane	5.11	63	1542387	8.378	ppbv	99
26) Hexane	5.81	57	210820	1.537	ppbv #	69
29) Chloroform	5.87	83	464635	2.208	ppbv	98
30) Cyclohexane	7.28	84	562911	5.042	ppbv	99
31) cis-1,2-Dichloroethene	5.67	61	1391351	10.654	ppbv	98
32) 1,1,1-Trichloroethane	6.65	97	4821374	21.504	ppbv	99
34) 2-Butanone	5.36	43	105412	0.548	ppbv	96
35) Carbon Tetrachloride	7.16	117	42632	0.190	ppbv	88
38) Trichloroethene	7.99	130	5441348	54.464	ppbv	99
41) Tetrahydrofuran	6.19	42	82824	0.793	ppbv	95
52) Tetrachloroethene	11.41	164	4265m	0.047	ppbv	

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

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