

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032530.D
 Acq On : 25 Sep 2018 4:58
 Operator : SY/AP
 Sample : J5034-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-EFF-DUP-092018

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:31:35 PM

Quant Time: Sep 26 17:45:12 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 17:45:12 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	1413830	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3297113	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	2902812	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2188026	10.00	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	68923	0.527	ppbv	96
5) Vinyl Chloride	3.31	62	23781	0.343	ppbv	95
7) Chloroethane	3.62	64	16767	0.679	ppbv	94
9) Propene	3.07	41	283499m	5.557	ppbv	
11) Trichlorofluoromethane	4.02	101	155709	1.002	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.58	101	127043	1.000	ppbv	100
13) Ethanol	3.67	45	999078	65.156	ppbv	97
15) Acetone	3.94	43	289738m	2.335	ppbv	
18) 1,1-Dichloroethene	4.37	96	14385	0.242	ppbv #	78
19) Isopropyl Alcohol	4.05	45	189152	2.188	ppbv #	96
20) Methylene Chloride	4.43	84	124391	2.070	ppbv	96
22) trans-1,2-Dichloroethene	4.99	96	12040m	0.215	ppbv	
24) 1,1-Dichloroethane	5.11	63	1560444	8.545	ppbv	100
26) Hexane	5.81	57	201674	1.483	ppbv #	69
29) Chloroform	5.87	83	437251	2.095	ppbv	96
30) Cyclohexane	7.28	84	577285	5.212	ppbv	98
31) cis-1,2-Dichloroethene	5.67	61	1399757	10.805	ppbv	98
32) 1,1,1-Trichloroethane	6.65	97	4864972	21.874	ppbv	98
34) 2-Butanone	5.37	43	18432	0.094	ppbv	100
35) Carbon Tetrachloride	7.17	117	42665	0.186	ppbv	97
38) Trichloroethene	7.99	130	5452628	53.462	ppbv	99
41) Tetrahydrofuran	6.19	42	84807	0.795	ppbv	98

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

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