

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033294.D
 Acq On : 12 Mar 2019 22:19
 Operator : SY/AP
 Sample : K1805-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-2

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 5:06:32 AM

Quant Time: Mar 13 17:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 14 07:17:55 2019
 QLast Update : Wed Mar 13 07:17:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	811547	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	1768387	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.27	117	1655597	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1350565	10.56	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	39508m	0.241	ppbv	
3) Chlorodifluoromethane	3.01	51	33233m	0.309	ppbv	
9) Propene	3.05	41	21533m	0.439	ppbv	
11) Trichlorofluoromethane	4.00	101	31007	0.191	ppbv	88
13) Ethanol	3.65	45	77128m	5.152	ppbv	
18) 1,1-Dichloroethene	4.35	96	5072m	0.123	ppbv	
19) Isopropyl Alcohol	4.04	45	31552m	0.419	ppbv	
20) Methylene Chloride	4.41	84	97432	2.354	ppbv	94
22) trans-1,2-Dichloroethene	4.96	96	52579	1.200	ppbv	93
26) Hexane	5.78	57	135186	1.501	ppbv #	40
29) Chloroform	5.84	83	32976	0.241	ppbv	93
31) cis-1,2-Dichloroethene	5.64	61	8247460	95.549	ppbv #	88
34) 2-Butanone	5.35	43	20687	0.177	ppbv	94
35) Carbon Tetrachloride	7.13	117	4128m	0.032	ppbv	
36) Benzene	7.01	78	68949	0.423	ppbv #	92
38) Trichloroethene	7.98	130	15000802	235.961	ppbv	90
52) Tetrachloroethene	11.51	164	79483539m	1329.507	ppbv	
53) Toluene	9.95	91	435013	2.314	ppbv	98
57) Chlorobenzene	12.34	112	16428m	0.132	ppbv	
59) m/p-Xylene	13.15	91	45849m	0.241	ppbv	

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

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