

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032544.D
 Acq On : 25 Sep 2018 14:15
 Operator : SY/AP
 Sample : J4999-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

Manual Integrations
 APPROVED

apatel
 9/26/2018 5:04:15 PM

Quant Time: Sep 25 16:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 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	1361255	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2986762	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3158723	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2372205	9.96	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	20458m	0.162	ppbv	
3) Chlorodifluoromethane	3.03	51	457023	4.037	ppbv	97
4) Chloromethane	3.19	50	9560m	0.145	ppbv	
9) Propene	3.06	41	8900m	0.181	ppbv	
11) Trichlorofluoromethane	4.03	101	65866	0.440	ppbv	93
13) Ethanol	3.67	45	22132m	1.499	ppbv	
15) Acetone	3.93	43	161571	1.352	ppbv	98
17) tert-Butyl alcohol	4.39	59	4896m	0.326	ppbv	
19) Isopropyl Alcohol	4.06	45	50914	0.612	ppbv #	97
20) Methylene Chloride	4.43	84	201357	3.480	ppbv	95
26) Hexane	5.80	57	44724	0.341	ppbv #	53
29) Chloroform	5.87	83	307361	1.530	ppbv	95
32) 1,1,1-Trichloroethane	6.64	97	12974m	0.061	ppbv	
34) 2-Butanone	5.37	43	34823	0.196	ppbv	99
35) Carbon Tetrachloride	7.16	117	10499m	0.051	ppbv	
53) Toluene	9.98	91	422009	1.435	ppbv	98
59) m/p-Xylene	13.15	91	493637m	1.448	ppbv	
60) o-Xylene	13.88	91	1240030	3.736	ppbv	100
67) sec-Butylbenzene	17.49	105	78023m	0.130	ppbv	
72) 4-Ethyltoluene	16.04	105	1381244	3.834	ppbv	99
73) 1,3,5-Trimethylbenzene	16.19	105	3623840	10.351	ppbv	96
74) 1,2,4-Trimethylbenzene	16.96	105	2244446	5.954	ppbv #	69
79) Naphthalene	22.45	128	47002m	0.173	ppbv	

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

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