

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032542.D
 Acq On : 25 Sep 2018 12:55
 Operator : SY/AP
 Sample : J5034-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF1-092018

Manual Integrations
 APPROVED

apatel
 9/26/2018 5:04:06 PM

Quant Time: Sep 25 15:50:47 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	1470160	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.33	114	3183325	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3141931	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2357622	9.95	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	34770	0.256	ppbv	98
3) Chlorodifluoromethane	3.03	51	220058	1.800	ppbv #	92
4) Chloromethane	3.19	50	217813	3.055	ppbv	98
5) Vinyl Chloride	3.31	62	237067	3.291	ppbv	97
7) Chloroethane	3.62	64	375738	14.639	ppbv	98
9) Propene	3.05	41	112175	2.115	ppbv	89
11) Trichlorofluoromethane	4.03	101	191749	1.186	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.57	101	2061159	15.599	ppbv	100
13) Ethanol	3.67	45	62021	3.890	ppbv	93
15) Acetone	3.93	43	1539684	11.931	ppbv	99
17) tert-Butyl alcohol	4.39	59	128353	7.915	ppbv #	100
18) 1,1-Dichloroethene	4.37	96	51200	0.827	ppbv	85
19) Isopropyl Alcohol	4.05	45	34142m	0.380	ppbv	
20) Methylene Chloride	4.43	84	376855	6.031	ppbv	93
22) trans-1,2-Dichloroethene	4.99	96	47834	0.820	ppbv	92
24) 1,1-Dichloroethane	5.12	63	13684338	72.064	ppbv	96
26) Hexane	5.81	57	211550	1.496	ppbv #	44
27) Carbon Disulfide	4.64	76	25106	0.165	ppbv #	65
29) Chloroform	5.88	83	40748m	0.188	ppbv	
31) cis-1,2-Dichloroethene	5.67	61	8415774	62.474	ppbv	91
32) 1,1,1-Trichloroethane	6.66	97	14890907	64.387	ppbv	97
34) 2-Butanone	5.37	43	192035	1.013	ppbv	99
35) Carbon Tetrachloride	7.16	117	14851m	0.067	ppbv	
36) Benzene	7.04	78	673740	2.619	ppbv	100
38) Trichloroethene	8.00	130	9534337	96.824	ppbv	97
41) Tetrahydrofuran	6.20	42	22306	0.217	ppbv #	89
44) 2,2,4-Trimethylpentane	8.03	57	62271	0.124	ppbv #	65
47) 1,1,2-Trichloroethane	9.65	97	39696	0.308	ppbv	97
52) Tetrachloroethene	11.41	164	593327	6.624	ppbv	98
53) Toluene	9.98	91	376607m	1.201	ppbv	
62) Isopropylbenzene	14.86	105	117088	0.251	ppbv	99

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

