

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033959.D
 Acq On : 25 Jun 2019 5:55
 Operator : SY/AP
 Sample : K3474-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:16:12 AM

Quant Time: Jun 25 06:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	821458	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1938588	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.21	117	2405819	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.55	95	1833309	9.28	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	52022	0.390	ppbv	93
3) Chlorodifluoromethane	3.00	51	74354m	0.769	ppbv	
4) Chloromethane	3.16	50	14704	0.267	ppbv	98
7) Chloroethane	3.59	64	10527	0.520	ppbv	99
9) Propene	3.03	41	71252	1.969	ppbv	90
10) Heptane	8.22	43	16901	0.185	ppbv	98
11) Trichlorofluoromethane	3.99	101	82507	0.480	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.54	101	51759	0.445	ppbv	97
13) Ethanol	3.65	45	1745821	148.290	ppbv	97
15) Acetone	3.89	43	2455907	20.499	ppbv	100
17) tert-Butyl alcohol	4.36	59	151960	1.623	ppbv	99
18) 1,1-Dichloroethene	4.34	96	30111	0.613	ppbv	94
19) Isopropyl Alcohol	4.03	45	2133825	31.177	ppbv	99
20) Methylene Chloride	4.40	84	169299	3.624	ppbv	96
22) trans-1,2-Dichloroethene	4.95	96	88475	1.710	ppbv	88
23) Vinyl Acetate	5.13	43	207387	1.489	ppbv #	79
24) 1,1-Dichloroethane	5.07	63	755534	6.976	ppbv	99
26) Hexane	5.76	57	160189	1.928	ppbv #	43
29) Chloroform	5.83	83	28801m	0.202	ppbv	
32) 1,1,1-Trichloroethane	6.60	97	4321830	31.489	ppbv	99
34) 2-Butanone	5.31	43	480473	4.393	ppbv	99
35) Carbon Tetrachloride	7.11	117	10394	0.069	ppbv #	67
36) Benzene	6.98	78	36894m	0.249	ppbv	
38) Trichloroethene	7.95	130	23104m	0.401	ppbv	
41) Tetrahydrofuran	6.13	42	418762	7.544	ppbv	99
44) 2,2,4-Trimethylpentane	7.96	57	123123	0.468	ppbv #	49
52) Tetrachloroethene	11.34	164	10579m	0.203	ppbv	
53) Toluene	9.92	91	574324	3.505	ppbv	99
58) Ethyl Benzene	12.84	91	153425	0.566	ppbv	100
59) m/p-Xylene	13.09	91	461820	1.872	ppbv	98
60) o-Xylene	13.82	91	219314	0.861	ppbv	99
61) Styrene	13.66	104	17997	0.109	ppbv	91
72) 4-Ethyltoluene	15.97	105	56399m	0.195	ppbv	
73) 1,3,5-Trimethylbenzene	16.13	105	49450m	0.173	ppbv	
74) 1,2,4-Trimethylbenzene	16.89	105	192279	0.584	ppbv #	72

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

