

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032189.D
 Acq On : 2 Jul 2018 19:49
 Operator : SY/AP
 Sample : J3753-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:15 PM

Quant Time: Jul 03 15:21:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1373347	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3944114	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	3506616	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.68	95	2620488	9.78	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	45099	0.25	ppbv	96
3) Chlorodifluoromethane	3.07	51	67876m	0.40	ppbv	
4) Chloromethane	3.23	50	23076	0.26	ppbv #	80
7) Chloroethane	3.67	64	122541	3.83	ppbv	96
9) Propene	3.09	41	151323	1.93	ppbv	96
10) Heptane	8.34	43	298769	1.31	ppbv	98
11) Trichlorofluoromethane	4.07	101	105932	0.54	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.63	101	320541	2.46	ppbv	89
13) Ethanol	3.75	45	11093397	467.90	ppbv	98
15) Acetone	3.97	43	7459119	46.45	ppbv	100
17) tert-Butyl alcohol	4.47	59	1110509	10.86	ppbv	98
18) 1,1-Dichloroethene	4.43	96	116009	1.86	ppbv	96
19) Isopropyl Alcohol	4.13	45	7561967m	56.68	ppbv	
20) Methylene Chloride	4.48	84	55230m	0.94	ppbv	
22) trans-1,2-Dichloroethene	5.05	96	74068	1.14	ppbv	95
24) 1,1-Dichloroethane	5.17	63	3599758	19.30	ppbv	98
26) Hexane	5.86	57	236361	1.54	ppbv	82
29) Chloroform	5.94	83	35319m	0.16	ppbv	
30) Cyclohexane	7.34	84	116279	0.81	ppbv	89
31) cis-1,2-Dichloroethene	5.73	61	23846	0.16	ppbv	87
32) 1,1,1-Trichloroethane	6.71	97	11889235	50.93	ppbv	95
34) 2-Butanone	5.41	43	1583107	6.32	ppbv	99
36) Benzene	7.10	78	258090	0.68	ppbv	98
38) Trichloroethene	8.06	130	36620m	0.25	ppbv	
41) Tetrahydrofuran	6.24	42	108247m	0.72	ppbv	
44) 2,2,4-Trimethylpentane	8.09	57	2066776	3.09	ppbv	94
50) 4-Methyl-2-Pentanone	8.97	43	267816	0.65	ppbv	99
52) Tetrachloroethene	11.48	164	20027m	0.14	ppbv	
53) Toluene	10.05	91	2272566	4.93	ppbv	99
58) Ethyl Benzene	12.96	91	698195	1.24	ppbv	89
59) m/p-Xylene	13.22	91	1975514	4.36	ppbv	98
60) o-Xylene	13.95	91	820315	1.82	ppbv	94
61) Styrene	13.79	104	46800m	0.13	ppbv	
69) p-Isopropyltoluene	17.92	119	2437228	3.40	ppbv	97
72) 4-Ethyltoluene	16.10	105	261120	0.45	ppbv	94
73) 1,3,5-Trimethylbenzene	16.27	105	211803m	0.39	ppbv	
74) 1,2,4-Trimethylbenzene	17.03	105	664517	1.20	ppbv #	76

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

