

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032238.D
 Acq On : 13 Jul 2018 5:37
 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
 7/13/2018 5:22:18 PM

Quant Time: Jul 13 06:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1710370	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3676853	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4334562	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3354265	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.07	51	89613m	0.43	ppbv	
4) Chloromethane	3.22	50	37869	0.32	ppbv	97
7) Chloroethane	3.66	64	103303	2.55	ppbv	95
9) Propene	3.09	41	163016	1.82	ppbv	97
10) Heptane	8.34	43	210901	0.83	ppbv	99
11) Trichlorofluoromethane	4.07	101	101722	0.43	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.62	101	254721	1.69	ppbv	99
13) Ethanol	3.75	45	9976746	385.77	ppbv	98
15) Acetone	3.96	43	6895756	34.74	ppbv	99
17) tert-Butyl alcohol	4.46	59	798050	8.61	ppbv	98
18) 1,1-Dichloroethene	4.42	96	96390	1.38	ppbv	97
19) Isopropyl Alcohol	4.13	45	5638216	43.26	ppbv	100
20) Methylene Chloride	4.48	84	620291	9.22	ppbv	96
22) trans-1,2-Dichloroethene	5.04	96	67866	1.02	ppbv	93
24) 1,1-Dichloroethane	5.17	63	3359758	14.50	ppbv	98
26) Hexane	5.86	57	545106	3.04	ppbv #	58
29) Chloroform	5.93	83	35938	0.13	ppbv	95
30) Cyclohexane	7.33	84	82058	0.52	ppbv	97
31) cis-1,2-Dichloroethene	5.72	61	24245m	0.14	ppbv	
32) 1,1,1-Trichloroethane	6.70	97	11219417	41.80	ppbv	97
34) 2-Butanone	5.40	43	1481238	5.91	ppbv	99
35) Carbon Tetrachloride	7.21	117	19189m	0.08	ppbv	
36) Benzene	7.09	78	192828	0.53	ppbv	97
38) Trichloroethene	8.05	130	26713m	0.21	ppbv	
41) Tetrahydrofuran	6.24	42	78012	0.56	ppbv	94
44) 2,2,4-Trimethylpentane	8.08	57	1535186	2.44	ppbv	95
50) 4-Methyl-2-Pentanone	8.96	43	239997m	0.55	ppbv	
52) Tetrachloroethene	11.47	164	19442m	0.14	ppbv	
53) Toluene	10.04	91	1941667	4.49	ppbv	100
57) Chlorobenzene	12.40	112	33273m	0.09	ppbv	
58) Ethyl Benzene	12.96	91	575799	0.91	ppbv	95
59) m/p-Xylene	13.22	91	1681781	3.24	ppbv	99
60) o-Xylene	13.94	91	656365	1.28	ppbv	100
61) Styrene	13.78	104	39535m	0.10	ppbv	
64) n-propylbenzene	15.81	120	38414	0.21	ppbv	98
69) p-Isopropyltoluene	17.91	119	2614387	3.82	ppbv	99
72) 4-Ethyltoluene	16.10	105	215809m	0.38	ppbv	
73) 1,3,5-Trimethylbenzene	16.26	105	176668m	0.33	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	550231m	1.01	ppbv	

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

