

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032242.D
 Acq On : 13 Jul 2018 8:16
 Operator : SY/AP
 Sample : J3753-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 5:22:24 PM

Quant Time: Jul 13 09:42:34 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	5.84	49	1639994	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3575079	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4187466	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3157499	9.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	48927m	0.21	ppbv	
3) Chlorodifluoromethane	3.06	51	74943m	0.37	ppbv	
4) Chloromethane	3.22	50	44264	0.39	ppbv	91
7) Chloroethane	3.66	64	51080	1.31	ppbv	92
9) Propene	3.09	41	201218	2.34	ppbv	95
10) Heptane	8.33	43	275741	1.13	ppbv	99
11) Trichlorofluoromethane	4.07	101	80892	0.36	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.62	101	887413	6.15	ppbv	99
13) Ethanol	3.74	45	11542551	465.47	ppbv	99
15) Acetone	3.96	43	7979736	41.93	ppbv	99
17) tert-Butyl alcohol	4.46	59	1216433	13.69	ppbv	99
18) 1,1-Dichloroethene	4.41	96	197380	2.94	ppbv	94
19) Isopropyl Alcohol	4.12	45	7421495	59.39	ppbv #	99
20) Methylene Chloride	4.48	84	406625	6.31	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	61447	0.96	ppbv	90
24) 1,1-Dichloroethane	5.17	63	3251642	14.63	ppbv	99
26) Hexane	5.86	57	553582	3.22	ppbv #	60
30) Cyclohexane	7.33	84	94263	0.62	ppbv	89
31) cis-1,2-Dichloroethene	5.72	61	31493	0.18	ppbv	89
32) 1,1,1-Trichloroethane	6.71	97	17476905	67.91	ppbv	93
34) 2-Butanone	5.40	43	1722719	7.07	ppbv	100
36) Benzene	7.09	78	192571	0.54	ppbv	98
41) Tetrahydrofuran	6.23	42	107673	0.79	ppbv #	91
44) 2,2,4-Trimethylpentane	8.08	57	1742053	2.85	ppbv	96
50) 4-Methyl-2-Pentanone	8.97	43	284341	0.67	ppbv	95
52) Tetrachloroethene	11.48	164	17483m	0.13	ppbv	
53) Toluene	10.04	91	2336265	5.56	ppbv	99
58) Ethyl Benzene	12.96	91	676663	1.11	ppbv	96
59) m/p-Xylene	13.21	91	2032960	4.05	ppbv	100
60) o-Xylene	13.94	91	824548	1.67	ppbv	100
61) Styrene	13.77	104	55330m	0.15	ppbv	
62) Isopropylbenzene	14.92	105	49186	0.07	ppbv #	87
69) p-Isopropyltoluene	17.91	119	1629026	2.46	ppbv	100
72) 4-Ethyltoluene	16.09	105	268514	0.48	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	215792	0.42	ppbv	88
74) 1,2,4-Trimethylbenzene	17.02	105	867868	1.64	ppbv #	74
79) Naphthalene	22.53	128	72960m	0.21	ppbv	

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

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