

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032249.D
 Acq On : 13 Jul 2018 17:22
 Operator : SY/AP
 Sample : J3753-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

apatel
 7/16/2018 8:08:08 AM

Quant Time: Jul 14 04:12:25 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	1644826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3695799	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4181946	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3190241	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.13	85	141616	0.598	ppbv	99
3) Chlorodifluoromethane	3.06	51	87769m	0.434	ppbv	
4) Chloromethane	3.22	50	35128	0.306	ppbv	97
7) Chloroethane	3.66	64	92653	2.375	ppbv	99
9) Propene	3.08	41	148675	1.725	ppbv	92
10) Heptane	8.33	43	177165	0.724	ppbv	99
11) Trichlorofluoromethane	4.07	101	98594	0.435	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.62	101	241219	1.667	ppbv	99
13) Ethanol	3.74	45	9285940	373.367	ppbv	97
15) Acetone	3.96	43	6333851	33.184	ppbv	100
17) tert-Butyl alcohol	4.46	59	886994m	9.953	ppbv	
18) 1,1-Dichloroethene	4.42	96	90445m	1.343	ppbv	
19) Isopropyl Alcohol	4.13	45	5472202	43.662	ppbv	100
20) Methylene Chloride	4.48	84	814568	12.593	ppbv	97
22) trans-1,2-Dichloroethene	5.04	96	61315	0.957	ppbv	95
24) 1,1-Dichloroethane	5.17	63	2979521	13.368	ppbv	99
26) Hexane	5.86	57	739826	4.294	ppbv #	53
29) Chloroform	5.93	83	35270	0.133	ppbv	91
30) Cyclohexane	7.33	84	70990m	0.467	ppbv	
31) cis-1,2-Dichloroethene	5.72	61	19450m	0.113	ppbv	
32) 1,1,1-Trichloroethane	6.70	97	10711266	41.499	ppbv	98
34) 2-Butanone	5.41	43	1295525	5.145	ppbv	99
35) Carbon Tetrachloride	7.22	117	20171m	0.081	ppbv	
36) Benzene	7.09	78	188216	0.512	ppbv #	93
38) Trichloroethene	8.05	130	23016	0.183	ppbv	89
41) Tetrahydrofuran	6.23	42	70053	0.497	ppbv	94
44) 2,2,4-Trimethylpentane	8.08	57	1352517	2.141	ppbv	95
50) 4-Methyl-2-Pentanone	8.96	43	197983	0.454	ppbv	95
52) Tetrachloroethene	11.46	164	16788m	0.124	ppbv	
53) Toluene	10.04	91	1684350	3.879	ppbv	99
58) Ethyl Benzene	12.96	91	465005	0.764	ppbv	98
59) m/p-Xylene	13.21	91	1413968	2.822	ppbv	100
60) o-Xylene	13.94	91	557618	1.128	ppbv	98
61) Styrene	13.78	104	33625m	0.091	ppbv	
69) p-Isopropyltoluene	17.91	119	2284736	3.458	ppbv	99
72) 4-Ethyltoluene	16.10	105	184562	0.333	ppbv	97
73) 1,3,5-Trimethylbenzene	16.25	105	149242	0.289	ppbv	91
74) 1,2,4-Trimethylbenzene	17.02	105	495229	0.939	ppbv #	71
75) 1,3-Dichlorobenzene	17.27	146	420409m	1.336	ppbv	

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

