

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032193.D
 Acq On : 2 Jul 2018 22:27
 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
 7/3/2018 5:17:20 PM

Quant Time: Jul 03 15:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 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	1388503	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3510022	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.34	117	3278731	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.68	95	2423402	9.67	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	42346	0.23	ppbv	96
3) Chlorodifluoromethane	3.07	51	60673m	0.36	ppbv	
4) Chloromethane	3.23	50	35866	0.40	ppbv	99
7) Chloroethane	3.66	64	48401	1.50	ppbv	92
9) Propene	3.09	41	185287	2.34	ppbv	96
10) Heptane	8.34	43	281631	1.22	ppbv	95
11) Trichlorofluoromethane	4.08	101	73750m	0.37	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.63	101	857030	6.51	ppbv	92
13) Ethanol	3.74	45	10262971	428.15	ppbv	98
15) Acetone	3.97	43	7411644	45.65	ppbv	100
17) tert-Butyl alcohol	4.47	59	1171126	11.33	ppbv	98
18) 1,1-Dichloroethene	4.43	96	181800	2.88	ppbv	94
19) Isopropyl Alcohol	4.13	45	7378276m	54.70	ppbv	
20) Methylene Chloride	4.49	84	100521	1.69	ppbv	93
22) trans-1,2-Dichloroethene	5.04	96	57289	0.87	ppbv	93
24) 1,1-Dichloroethane	5.17	63	2979800	15.80	ppbv	99
26) Hexane	5.86	57	284558	1.84	ppbv #	76
30) Cyclohexane	7.34	84	96593	0.66	ppbv	93
31) cis-1,2-Dichloroethene	5.73	61	28148	0.18	ppbv	89
32) 1,1,1-Trichloroethane	6.71	97	15915636	67.43	ppbv	93
34) 2-Butanone	5.41	43	1510456	6.78	ppbv	99
36) Benzene	7.10	78	192327	0.57	ppbv	99
41) Tetrahydrofuran	6.24	42	105746m	0.79	ppbv	
44) 2,2,4-Trimethylpentane	8.09	57	1727533	2.91	ppbv	94
50) 4-Methyl-2-Pentanone	8.98	43	229455	0.63	ppbv	98
53) Toluene	10.05	91	2024993	4.93	ppbv	99
58) Ethyl Benzene	12.96	91	591172	1.12	ppbv	94
59) m/p-Xylene	13.22	91	1752899	4.14	ppbv	97
60) o-Xylene	13.95	91	710483	1.68	ppbv	97
61) Styrene	13.78	104	45958	0.13	ppbv #	86
69) p-Isopropyltoluene	17.92	119	1434038	2.14	ppbv	96
72) 4-Ethyltoluene	16.10	105	218981	0.40	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.26	105	188609	0.37	ppbv	98
74) 1,2,4-Trimethylbenzene	17.03	105	794936	1.53	ppbv #	73
79) Naphthalene	22.54	128	70278m	0.15	ppbv	

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

