

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033036.D
 Acq On : 20 Dec 2018 22:02
 Operator : SY/AP
 Sample : J6480-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:27 AM

Quant Time: Dec 21 06:45:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1132721	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2690799	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2054566	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2125630	14.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	140.00%#

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	71367	0.472 ppbv	98
3) Chlorodifluoromethane	3.01	51	28363m	0.331 ppbv	
4) Chloromethane	3.17	50	11886	0.238 ppbv #	83
7) Chloroethane	3.61	64	28421	1.560 ppbv	95
9) Propene	3.05	41	19229m	0.567 ppbv	
11) Trichlorofluoromethane	4.01	101	63791	0.448 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.56	101	127355	1.048 ppbv	98
13) Ethanol	3.66	45	59899	5.129 ppbv	95
15) Acetone	3.91	43	480580	4.943 ppbv #	90
17) tert-Butyl alcohol	4.37	59	34701	1.402 ppbv #	78
18) 1,1-Dichloroethene	4.35	96	67974	1.428 ppbv	93
19) Isopropyl Alcohol	4.03	45	290149	4.752 ppbv #	97
20) Methylene Chloride	4.41	84	58016	1.221 ppbv	98
22) trans-1,2-Dichloroethene	4.97	96	108430	1.835 ppbv	96
24) 1,1-Dichloroethane	5.09	63	1576704	11.015 ppbv	98
26) Hexane	5.79	57	49599	0.468 ppbv #	47
29) Chloroform	5.85	83	22139	0.117 ppbv	96
31) cis-1,2-Dichloroethene	5.64	61	13666	0.140 ppbv #	73
32) 1,1,1-Trichloroethane	6.62	97	13724087	68.555 ppbv	94
34) 2-Butanone	5.34	43	53356m	0.455 ppbv	
38) Trichloroethene	7.96	130	6681	0.081 ppbv	86
53) Toluene	9.95	91	531766	2.533 ppbv	99
58) Ethyl Benzene	12.87	91	37539m	0.171 ppbv	
59) m/p-Xylene	13.13	91	141110m	0.710 ppbv	
60) o-Xylene	13.86	91	64828	0.323 ppbv	97
69) p-Isopropyltoluene	17.83	119	224974	0.725 ppbv	95
74) 1,2,4-Trimethylbenzene	16.93	105	126438	0.512 ppbv #	67

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

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