Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039951.D
Acq On : 1 Dec 2022 20:59
Operator : SY/MD
Sample : N5826-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENT

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:35:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.159	49	1094652	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	6.622	114	3077638	10.000	ppbv		-0.01
55) Chlorobenzene-d5	11.436	117	2736264	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.751	95	2099570	10.046	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.700	85	75809	0.484	ppbv		94
4) Chloromethane	2.780	50	12619m	0.131	ppbv		
9) Propene	2.671	41	33249	0.467	ppbv		85
11) Trichlorofluoromethane	3.529	101	64775	0.339	ppbv		99
13) Ethanol	3.217	45	81252m	14.957	ppbv		
15) Acetone	3.439	43	361479	2.490	ppbv		97
19) Isopropyl Alcohol	3.558	45	77873	0.991	ppbv	#	29
20) Methylene Chloride	3.902	84	466196	6.627	ppbv		97
22) trans-1,2-Dichloroethene	4.414	96	6925m	0.103	ppbv		
25) Ethyl Acetate	5.172	43	1394863	5.232	ppbv	#	96
26) Hexane	5.182	57	401008m	3.444	ppbv		
29) Chloroform	5.237	83	71886	0.465	ppbv		91
30) Cyclohexane	6.565	84	13737m	0.120	ppbv		
31) cis-1,2-Dichloroethene	5.047	61	373513	3.472	ppbv		97
32) 1,1,1-Trichloroethane	5.970	97	241713	1.251	ppbv		98
34) 2-Butanone	4.764	43	57904	0.393	ppbv	#	84
35) Carbon Tetrachloride	6.452	117	8234m	0.047	ppbv		
36) Benzene	6.333	78	68085	0.260	ppbv	#	94
38) Trichloroethene	7.262	130	778057	5.321	ppbv		97
44) 2,2,4-Trimethylpentane	7.294	57	65659	0.150	ppbv	#	84
52) Tetrachloroethene	10.584	164	884464	9.038	ppbv		96
53) Toluene	9.191	91	172031	0.577	ppbv		98
59) m/p-Xylene	12.317	91	56877m	0.183	ppbv		

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

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