Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081121\
Data File : VL037387.D
Acq On : 11 Aug 2021 12:18
Operator : SY/AP
Sample : M3157-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-2

Manual Integrations APPROVED
apatel
8/12/2021 10:16:57 AM

Quant Time: Aug 12 02:37:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1198568	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3622371	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3007464	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2073164	9.24	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	64189	0.296	ppbv		90
3) Chlorodifluoromethane	2.99	51	153074	0.687	ppbv		96
4) Chloromethane	3.13	50	32902	0.401	ppbv		90
5) Vinyl Chloride	3.25	62	13597m	0.162	ppbv		
9) Propene	3.02	41	65235m	0.860	ppbv		
11) Trichlorofluoromethane	3.95	101	35686	0.196	ppbv		90
12) 1,1,2-Trichlorotrifluoroet	4.49	101	12706m	0.098	ppbv		
13) Ethanol	3.60	45	2526461	275.868	ppbv		96
15) Acetone	3.85	43	854002	7.479	ppbv	#	87
17) tert-Butyl alcohol	4.31	59	26843m	0.263	ppbv		
18) 1,1-Dichloroethene	4.29	96	6529m	0.111	ppbv		
19) Isopropyl Alcohol	3.97	45	242643m	3.691	ppbv		
20) Methylene Chloride	4.34	84	2395980	38.639	ppbv		93
26) Hexane	5.69	57	2191055	14.799	ppbv	#	44
29) Chloroform	5.75	83	561458	2.645	ppbv		95
30) Cyclohexane	7.13	84	71097m	0.580	ppbv		
31) cis-1,2-Dichloroethene	5.54	61	347153m	2.617	ppbv		
32) 1,1,1-Trichloroethane	6.51	97	50435m	0.245	ppbv		
34) 2-Butanone	5.25	43	94109	0.684	ppbv	#	85
35) Carbon Tetrachloride	7.01	117	252905	1.252	ppbv		89
36) Benzene	6.89	78	167346	0.582	ppbv		96
38) Trichloroethene	7.83	130	75315m	0.615	ppbv		
41) Tetrahydrofuran	6.06	42	32138m	0.497	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	80250	0.167	ppbv	#	79
52) Tetrachloroethene	11.22	164	1591982	13.586	ppbv		95
53) Toluene	9.80	91	507821	1.523	ppbv		99
58) Ethyl Benzene	12.70	91	40649m	0.101	ppbv		
59) m/p-Xylene	12.97	91	96284m	0.279	ppbv		
60) o-Xylene	13.68	91	46269m	0.144	ppbv		
73) 1,3,5-Trimethylbenzene	15.99	105	44120m	0.127	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	113098	0.320	ppbv	#	72

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

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