Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022501.D
Acq On : 02 Oct 2021 07:36
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Manual Integrations APPROVED
MMDadoda
10/6/2021 2:25:00 PM

Quant Time: Oct 02 07:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:27:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240185	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	232540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76837	51.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.460%			
7) Chloroethane-d5	1.568	69	59918	51.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.620%			
11) 1,1-Dichloroethene-d2	2.108	63	158278	54.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.080%			
21) 2-Butanone-d5	3.896	46	73269	89.608	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.610%			
24) Chloroform-d	4.349	84	135202	49.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.640%			
26) 1,2-Dichloroethane-d4	5.034	65	77654	49.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.640%			
32) Benzene-d6	5.053	84	267524	49.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.320%			
36) 1,2-Dichloropropane-d6	6.072	67	80579	48.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.180%			
41) Toluene-d8	7.317	98	255863	51.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.560%			
43) trans-1,3-Dichloroprop...	7.622	79	36840	46.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.900%			
47) 2-Hexanone-d5	8.092	63	70910	103.215	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.210%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	113606	49.263	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.520%			
66) 1,2-Dichlorobenzene-d4	11.625	152	101467	49.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	120055	49.980	ug/L	99
3) Chloromethane	1.240	50	119119	49.870	ug/L	100
5) Vinyl chloride	1.311	62	118202	52.206	ug/L	99
6) Bromomethane	1.523	94	66104	41.816	ug/L	96
8) Chloroethane	1.584	64	70177	50.821	ug/L	99
9) Trichlorofluoromethane	1.751	101	165089	53.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	90311	51.303	ug/L	99
12) 1,1-Dichloroethene	2.118	96	91278	54.404	ug/L	96
13) Acetone	2.179	43	84367m	81.681	ug/L	
14) Carbon disulfide	2.294	76	254790	50.273	ug/L	99
15) Methyl Acetate	2.433	43	83808	44.479	ug/L	98
16) Methylene chloride	2.507	84	99223	47.070	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	92355	50.145	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	280083	49.257	ug/L	98
19) 1,1-Dichloroethane	3.188	63	161628	49.597	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	97311	49.595	ug/L	96
22) 2-Butanone	3.976	43	121849m	89.595	ug/L	
23) Bromochloromethane	4.249	128	52653	48.845	ug/L	98
25) Chloroform	4.375	83	165173	50.368	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022501.D
Acq On : 02 Oct 2021 07:36
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Manual Integrations APPROVED
MMDadoda
10/6/2021 2:25:00 PM

Quant Time: Oct 02 07:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:27:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	115863	48.793	ug/L	98
29) Cyclohexane	4.680	56	134650	49.678	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	151023	51.990	ug/L	99
31) Carbon tetrachloride	4.831	117	131491	51.526	ug/L	97
33) Benzene	5.101	78	351826	49.001	ug/L	100
34) Trichloroethene	5.915	95	160026	85.360	ug/L	97
35) Methylcyclohexane	6.133	83	139012	48.903	ug/L	99
37) 1,2-Dichloropropane	6.175	63	87811	47.766	ug/L	99
38) Bromodichloromethane	6.510	83	118178	49.490	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	131303	47.493	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	258735	100.167	ug/L	98
42) Toluene	7.387	91	383014	50.640	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	126678	47.590	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	92349	48.529	ug/L	97
46) Tetrachloroethene	7.976	164	76568	48.787	ug/L	98
48) 2-Hexanone	8.140	43	206012	104.279	ug/L	98
49) Dibromochloromethane	8.246	129	105312	51.139	ug/L	99
50) 1,2-Dibromoethane	8.352	107	101436	49.509	ug/L	100
51) Chlorobenzene	8.883	112	247842	49.265	ug/L	99
52) Ethylbenzene	9.014	91	405010	51.451	ug/L	100
53) m,p-Xylene	9.140	106	159292	51.076	ug/L	99
54) o-Xylene	9.545	106	157089	51.699	ug/L	99
55) Styrene	9.561	104	270680	51.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	145220	49.375	ug/L	97
59) Bromoform	9.735	173	77516	50.295	ug/L	100
60) Isopropylbenzene	9.931	105	410352	51.746	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	115592	48.765	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	342335	51.270	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	346251	52.164	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	200444	49.821	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	200168	47.906	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	205569	49.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	30716	47.295	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	142041	47.515	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	127031	47.256	ug/L	98
71) Naphthalene	13.503	128	443207	50.070	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	134636	48.458	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022501.D
Acq On : 02 Oct 2021 07:36
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 02 07:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:27:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Manual Integrations APPROVED
MMDadoda
10/6/2021 2:25:00 PM