Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022078.D
Acq On : 02 Sep 2021 16:11
Operator : SY/MD
Sample : M3608-21MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 01:01:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : DBKL5MSD

Manual Integrations APPROVED

MMDadoda

9/7/2021 8:50:02 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	366464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	348980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	187823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103602	40.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.640%			
7) Chloroethane-d5	1.561	69	83005	41.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.760%			
11) 1,1-Dichloroethene-d2	2.108	63	181964	43.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.700%			
21) 2-Butanone-d5	3.879	46	165861	95.297	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.300%			
24) Chloroform-d	4.349	84	213100	46.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.100%			
26) 1,2-Dichloroethane-d4	5.034	65	126164	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.580%			
32) Benzene-d6	5.053	84	428196	45.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.480%			
36) 1,2-Dichloropropane-d6	6.072	67	132787	44.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.220%			
41) Toluene-d8	7.316	98	403777	45.189	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.380%			
43) trans-1,3-Dichloroprop...	7.622	79	65735	46.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.800%			
47) 2-Hexanone-d5	8.088	63	126915	111.116	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.120%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	188760	49.512	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.020%			
66) 1,2-Dichlorobenzene-d4	11.625	152	163051	44.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	99607	39.542	ug/L	99
3) Chloromethane	1.240	50	99462	37.289	ug/L	99
5) Vinyl chloride	1.310	62	107621	40.031	ug/L	100
6) Bromomethane	1.513	94	57353	35.482	ug/L	100
8) Chloroethane	1.577	64	67778	40.300	ug/L	99
9) Trichlorofluoromethane	1.748	101	170116	44.434	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	93581	41.674	ug/L	98
12) 1,1-Dichloroethene	2.117	96	90919	43.012	ug/L	87
13) Acetone	2.166	43	95923	65.777	ug/L #	74
14) Carbon disulfide	2.291	76	257850	40.426	ug/L	99
15) Methyl Acetate	2.429	43	121463	42.770	ug/L	100
16) Methylene chloride	2.506	84	120469	42.537	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	109188	42.721	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	376060	46.303	ug/L	99
19) 1,1-Dichloroethane	3.191	63	200826	44.117	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	127863	44.949	ug/L	98
22) 2-Butanone	3.963	43	165050	80.518	ug/L	99
23) Bromochloromethane	4.249	128	66785	44.085	ug/L	97
25) Chloroform	4.378	83	211186	43.826	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022078.D
Acq On : 02 Sep 2021 16:11
Operator : SY/MD
Sample : M3608-21MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 01:01:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED

MMDadoda

9/7/2021 8:50:02 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152530	47.221	ug/L	99
29) Cyclohexane	4.677	56	170559	43.721	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	188853	45.533	ug/L	99
31) Carbon tetrachloride	4.831	117	162131	45.498	ug/L	99
33) Benzene	5.101	78	586394	57.754	ug/L	100
34) Trichloroethene	5.915	95	118841	41.322	ug/L	95
35) Methylcyclohexane	6.133	83	182558	43.420	ug/L	100
37) 1,2-Dichloropropane	6.175	63	116753	44.360	ug/L	99
38) Bromodichloromethane	6.513	83	155145	46.095	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	190771	46.948	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	338208	94.786	ug/L	99
42) Toluene	7.390	91	957342	87.362	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	177830	47.021	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	120964	45.170	ug/L	98
46) Tetrachloroethene	7.976	164	96969	43.362	ug/L	98
48) 2-Hexanone	8.140	43	254081	91.777	ug/L	99
49) Dibromochloromethane	8.249	129	135530	47.280	ug/L	99
50) 1,2-Dibromoethane	8.355	107	132521	46.109	ug/L	98
51) Chlorobenzene	8.882	112	331534	44.998	ug/L	100
52) Ethylbenzene	9.014	91	1955332	164.832	ug/L	99
53) m,p-Xylene	9.140	106	642291	139.302	ug/L	100
54) o-Xylene	9.545	106	463389	101.573	ug/L	98
55) Styrene	9.561	104	406051	52.154	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	192980	49.737	ug/L	100
59) Bromoform	9.734	173	96554	48.401	ug/L	98
60) Isopropylbenzene	9.934	105	576446	48.843	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148711	45.684	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	598440	60.399	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	881810	87.561	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	267347	44.616	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	270952	44.189	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	264834	44.511	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	48680	62.049	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	214265	47.820	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	205812	52.216	ug/L	100
71) Naphthalene	13.503	128	20448734m	1803.535	ug/L	
72) 1,2,3-Trichlorobenzene	13.747	180	192924	50.182	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022078.D
Acq On : 02 Sep 2021 16:11
Operator : SY/MD
Sample : M3608-21MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 01:01:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED