Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048092.D
Acq On : 15 Apr 2022 07:29
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050083

Quant Time: Apr 15 07:55:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306257	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	325997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	188618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79191	35.658	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.320%			
7) Chloroethane-d5	1.916	69	83012	47.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.572	63	161347	39.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.420%			
21) 2-Butanone-d5	4.620	46	207188	108.691	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.690%			
24) Chloroform-d	5.067	84	216788	53.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.700%			
26) 1,2-Dichloroethane-d4	5.703	65	136841	54.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.820%			
32) Benzene-d6	5.729	84	411767	50.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.694	67	138226	54.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.740%			
41) Toluene-d8	7.899	98	373635	46.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.500%			
43) trans-1,3-Dichloroprop...	8.182	79	57446	45.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.020%			
47) 2-Hexanone-d5	8.632	63	150213	101.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.860%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225919	52.255	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.500%			
66) 1,2-Dichlorobenzene-d4	12.195	152	167278	49.849	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	105780	37.256	ug/L	100
3) Chloromethane	1.523	50	132434	48.773	ug/L	100
5) Vinyl chloride	1.607	62	124149	44.830	ug/L	98
6) Bromomethane	1.858	94	80455	53.977	ug/L	97
8) Chloroethane	1.935	64	85717	49.306	ug/L	100
9) Trichlorofluoromethane	2.141	101	156739	40.137	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	93773	41.542	ug/L	96
12) 1,1-Dichloroethene	2.584	96	95907	45.653	ug/L	82
13) Acetone	2.623	43	144199	81.289	ug/L	98
14) Carbon disulfide	2.797	76	268596	40.448	ug/L	100
15) Methyl Acetate	2.948	43	160016	56.569	ug/L	97
16) Methylene chloride	3.051	84	139967	58.061	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	114075	50.344	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	384580	60.160	ug/L	99
19) 1,1-Dichloroethane	3.874	63	224937	57.559	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	136777	55.060	ug/L	95
22) 2-Butanone	4.700	43	220086	96.313	ug/L	96
23) Bromochloromethane	4.977	128	79297	58.140	ug/L	96
25) Chloroform	5.092	83	240494	57.160	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048092.D
Acq On : 15 Apr 2022 07:29
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050083

Quant Time: Apr 15 07:55:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	188942	58.126	ug/L	97
29) Cyclohexane	5.391	56	135440	40.944	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	178800	48.370	ug/L	99
31) Carbon tetrachloride	5.526	117	145269	43.521	ug/L	99
33) Benzene	5.777	78	530027	56.170	ug/L	100
34) Trichloroethene	6.546	95	123201	49.801	ug/L	100
35) Methylcyclohexane	6.767	83	145740	38.724	ug/L	96
37) 1,2-Dichloropropane	6.793	63	141288	58.900	ug/L	100
38) Bromodichloromethane	7.108	83	185773	56.396	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	187561	50.392	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	417620	110.153	ug/L	97
42) Toluene	7.970	91	541509	52.301	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	185378	49.883	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	147143	57.838	ug/L	99
46) Tetrachloroethene	8.555	164	99079	44.568	ug/L	98
48) 2-Hexanone	8.684	43	336385	103.148	ug/L	98
49) Dibromochloromethane	8.812	129	157794	53.551	ug/L	100
50) 1,2-Dibromoethane	8.925	107	157851	55.345	ug/L	97
51) Chlorobenzene	9.449	112	404124	57.486	ug/L	99
52) Ethylbenzene	9.571	91	536707	49.300	ug/L	99
53) m,p-Xylene	9.697	106	214916	50.312	ug/L	99
54) o-Xylene	10.102	106	214596	51.186	ug/L	97
55) Styrene	10.115	104	376581	52.611	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	260642	54.648	ug/L	99
59) Bromoform	10.291	173	132370	54.882	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	203671	57.279	ug/L	99
61) Isopropylbenzene	10.488	105	509102	49.942	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	271065	49.009	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	430779	51.275	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	297168	52.448	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	318843	54.329	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	323753	57.106	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	58741	51.573	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	219090	47.612	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	211579	52.494	ug/L	100
71) Naphthalene	14.089	128	663999	55.257	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	205641	50.895	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048092.D
Acq On : 15 Apr 2022 07:29
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050083

Quant Time: Apr 15 07:55:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration