Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062220\
Data File : VU039006.D
Acq On : 22 Jun 2020 15:33
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV05

Manual Integrations APPROVED
MMDadoda
6/24/2020 11:01:11 AM

Quant Time: Jun 23 01:21:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141197	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	114502	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.93	69	85268	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.59	63	213754	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.67	46	388414	51.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.90%			
24) Chloroform-d	5.10	84	203121	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.74	65	123262	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.76	84	416006	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.72	67	131572	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.93	98	352950	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	8.21	79	57917	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.66	63	310483	56.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.52%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122633	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	140476	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	129844	4.796	ug/L	97
3) Chloromethane	1.53	50	89466	5.766	ug/L	98
5) Vinyl chloride	1.62	62	142444	4.991	ug/L	98
6) Bromomethane	1.87	94	42389	6.229	ug/L	99
8) Chloroethane	1.95	64	79796m	5.081	ug/L	
9) Trichlorofluoromethane	2.16	101	174942	4.834	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	99067	4.650	ug/L	99
12) 1,1-Dichloroethene	2.60	96	98143	4.856	ug/L	89
13) Acetone	2.67	43	237373	50.329	ug/L	100
14) Carbon disulfide	2.82	76	340207	4.865	ug/L	100
15) Methyl Acetate	2.98	43	58983	4.914	ug/L	98
16) Methylene chloride	3.08	84	117073	4.764	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	259397	5.305	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	106078	4.925	ug/L	98
19) 1,1-Dichloroethane	3.91	63	213148	4.995	ug/L	97
21) 2-Butanone	4.75	43	404187	53.147	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	117322	5.079	ug/L	96

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV05

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Quant Time: Jun 23 01:21:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:05:15 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.01	128	51782	4.811	ug/L		98
25) Chloroform	5.12	83	215337	4.862	ug/L		100
27) 1,2-Dichloroethane	5.83	62	147593	4.952	ug/L		100
29) 1,1,1-Trichloroethane	5.35	97	176375	5.096	ug/L		99
30) Cyclohexane	5.42	56	171860	5.035	ug/L		98
31) Carbon tetrachloride	5.56	117	140962	4.878	ug/L		99
33) Benzene	5.81	78	457274	5.224	ug/L		100
34) Trichloroethene	6.57	95	110930	5.078	ug/L		95
35) Methylcyclohexane	6.79	83	165549	5.003	ug/L		99
37) 1,2-Dichloropropane	6.82	63	120119	5.104	ug/L		100
38) Bromodichloromethane	7.13	83	149948	5.160	ug/L		97
39) cis-1,3-Dichloropropene	7.63	75	177803	5.291	ug/L		100
40) 4-Methyl-2-pentanone	7.82	43	946226	55.001	ug/L		100
42) Toluene	8.00	91	460076	5.231	ug/L		98
44) trans-1,3-Dichloropropene	8.23	75	162608	5.397	ug/L		98
45) 1,1,2-Trichloroethane	8.42	97	89901	5.188	ug/L		99
47) Tetrachloroethene	8.58	164	74915	4.870	ug/L		98
48) 2-Hexanone	8.71	43	717011	55.063	ug/L		98
49) Dibromochloromethane	8.84	129	98436	5.150	ug/L		99
50) 1,2-Dibromoethane	8.95	107	85870	5.237	ug/L	#	98
51) Chlorobenzene	9.47	112	285777	5.086	ug/L		99
52) Ethylbenzene	9.59	91	482377	5.117	ug/L		100
53) m,p-Xylene	9.71	106	189063	5.303	ug/L		100
54) o-Xylene	10.12	106	181176	5.346	ug/L		100
55) Styrene	10.13	104	320091	5.492	ug/L		100
56) Isopropylbenzene	10.50	105	465349	5.187	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	118501	5.164	ug/L		98
59) 1,2,3-Trichloropropane	10.84	75	90004	5.195	ug/L		100
61) Bromoform	10.31	173	57542	5.235	ug/L		99
62) 1,3-Dichlorobenzene	11.76	146	225795	5.019	ug/L		99
63) 1,4-Dichlorobenzene	11.85	146	230309	4.988	ug/L		99
65) 1,2-Dichlorobenzene	12.23	146	221703	5.070	ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20686	5.231	ug/L		93
67) 1,3,5-Trichlorobenzene	13.25	180	164464	5.081	ug/L		98
68) 1,2,4-trichlorobenzene	13.88	180	145395	5.231	ug/L		97
69) Naphthalene	14.12	128	309263	5.615	ug/L		100
70) 1,2,3-Trichlorobenzene	14.37	180	142174	5.450	ug/L		99

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

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