Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041626.D
Acq On : 15 Dec 2020 09:29
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Dec 16 02:36:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 00:28:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64667	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	49193	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.92	69	43618	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.58	63	98849	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.40%			
20) 2-Butanone-d5	4.67	46	158425	53.61	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.22%			
24) Chloroform-d	5.08	84	92279	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.71	65	52479	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.74	84	181454	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.70	67	55860	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.90	98	171415	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.18	79	25672	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.64	63	144548	49.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54170	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59216	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	64930	5.825	ug/L	99
3) Chloromethane	1.53	50	53618	4.951	ug/L	99
5) Vinyl chloride	1.61	62	67153	5.615	ug/L	100
6) Bromomethane	1.87	94	42312	5.659	ug/L	98
8) Chloroethane	1.94	64	42000	5.170	ug/L	99
9) Trichlorofluoromethane	2.15	101	94719	6.258	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54651	6.037	ug/L	96
12) 1,1-Dichloroethene	2.59	96	51311	5.748	ug/L	91
13) Acetone	2.68	43	90400	48.095	ug/L	62
14) Carbon disulfide	2.80	76	165341	5.360	ug/L	100
15) Methyl Acetate	2.97	43	22716	4.649	ug/L	91
16) Methylene chloride	3.06	84	57608	5.404	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	133866	5.621	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	53791	5.826	ug/L	93
19) 1,1-Dichloroethane	3.89	63	94335	5.467	ug/L	99
21) 2-Butanone	4.74	43	170438	55.669	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	54443	5.335	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041626.D
Acq On : 15 Dec 2020 09:29
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Dec 16 02:36:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 00:28:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	27394	5.844	ug/L		93
25) Chloroform	5.10	83	98009	5.640	ug/L		95
27) 1,2-Dichloroethane	5.81	62	66468	5.648	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	84958	5.595	ug/L		99
30) Cyclohexane	5.40	56	81851	4.810	ug/L		93
31) Carbon tetrachloride	5.54	117	73711	5.614	ug/L		98
33) Benzene	5.79	78	219565	5.192	ug/L		100
34) Trichloroethene	6.55	95	56809	5.346	ug/L		99
35) Methylcyclohexane	6.77	83	90069	5.244	ug/L		99
37) 1,2-Dichloropropane	6.80	63	56593	5.233	ug/L		100
38) Bromodichloromethane	7.11	83	71570	5.319	ug/L		99
39) cis-1,3-Dichloropropene	7.61	75	81801	5.104	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	400006	51.975	ug/L		98
42) Toluene	7.97	91	234786	5.378	ug/L		98
44) trans-1,3-Dichloropropene	8.21	75	77980	5.441	ug/L		97
45) 1,1,2-Trichloroethane	8.40	97	44595	5.575	ug/L		99
47) Tetrachloroethene	8.56	164	43628	5.865	ug/L		92
48) 2-Hexanone	8.69	43	298821	53.351	ug/L		98
49) Dibromochloromethane	8.81	129	52421	5.706	ug/L		99
50) 1,2-Dibromoethane	8.92	107	42770	5.406	ug/L		100
51) Chlorobenzene	9.45	112	150982	5.564	ug/L		97
52) Ethylbenzene	9.57	91	239220	5.146	ug/L		96
53) m,p-Xylene	9.69	106	95080	5.484	ug/L		98
54) o-Xylene	10.10	106	90636	5.337	ug/L		97
55) Styrene	10.11	104	157419	5.366	ug/L		96
56) Isopropylbenzene	10.48	105	239358	5.296	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	59788	5.372	ug/L		97
59) 1,2,3-Trichloropropane	10.82	75	44222	5.444	ug/L		98
61) Bromoform	10.29	173	31375	6.418	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	111635	5.645	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	116078	5.837	ug/L		97
65) 1,2-Dichlorobenzene	12.20	146	110208	5.690	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10372	5.711	ug/L	#	83
67) 1,3,5-Trichlorobenzene	13.21	180	91408	6.089	ug/L		99
68) 1,2,4-trichlorobenzene	13.82	180	64550	5.124	ug/L		98
69) Naphthalene	14.07	128	126520	4.851	ug/L		99
70) 1,2,3-Trichlorobenzene	14.31	180	61790	5.146	ug/L		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121520\
Data File : VU041626.D
Acq On : 15 Dec 2020 09:29
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Dec 16 02:36:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 00:28:07 2020
Response via : Initial Calibration