Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026082.D
Acq On : 22 May 2020 16:05
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02073

Manual Integrations APPROVED
mohammad
5/26/2020 10:11:13 AM

Quant Time: May 22 17:18:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	165036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	677072	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	400252	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	842039	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	875338	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	910566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	34303	6.27	ng/uL	0.00
5) Phenol-d5	6.69	99	279887	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	191143	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	210687	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	213968	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	100219	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	103537	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	198666	18.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	251360	22.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	552904	17.23	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	676591	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	100533	17.69	ng/ul	0.00
58) Fluorene-d10	15.13	176	489409	17.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	75859	15.45	ng/ul	0.00
71) Anthracene-d10	16.98	188	726033	17.50	ng/ul	0.00
79) Pyrene-d10	19.29	212	805431	17.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	864009	17.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	38888	6.841	ng/uL	88
4) Benzaldehyde	6.65	77	194464	19.960	ng/ul	96
6) Phenol	6.71	94	309595	18.447	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.93	93	240628	18.634	ng/ul	99
10) 2-Chlorophenol	7.06	128	226332	17.720	ng/ul	97
11) 2-Methylphenol	7.94	108	217806	18.836	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	442859	18.894	ng/ul	99
14) Acetophenone	8.31	105	356700	18.844	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	197471	17.704	ng/ul	98
16) 4-Methylphenol	8.27	108	236786	18.829	ng/ul	97
17) Hexachloroethane	8.56	117	95641	17.454	ng/ul	98
20) Nitrobenzene	8.67	77	294141	17.351	ng/ul	97
21) Isophorone	9.20	82	501088	17.771	ng/ul	99
23) 2-Nitrophenol	9.38	139	116997	18.434	ng/ul	94
24) 2,4-Dimethylphenol	9.46	107	262388	17.305	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.69	93	308820	17.365	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	204520	17.987	ng/ul	97
28) Naphthalene	10.30	128	714648	17.263	ng/ul	100
30) 4-Chloroaniline	10.42	127	261855	22.544	ng/ul	96
31) Hexachlorobutadiene	10.60	225	134747	17.662	ng/ul	99
32) Caprolactam	11.19	113	56155m	17.758	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	238707	18.127	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	487675	17.514	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	452800	17.528	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	250045	17.430	ng/ul	98
38) Hexachlorocyclopentadiene	12.29	237	139731	16.896	ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	155403	18.620	ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	167948	18.235	ng/ul	97
41) 1,1'-Biphenyl	12.96	154	616369	17.355	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	477076	17.407	ng/ul	98
43) 2-Nitroaniline	13.21	65	167977	18.185	ng/ul	96
45) Dimethylphthalate	13.60	163	577217	17.129	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	115669	18.707	ng/ul	93
48) Acenaphthylene	13.85	152	736528	17.642	ng/ul	99
49) 3-Nitroaniline	14.05	138	118596	21.548	ng/ul	97
50) Acenaphthene	14.20	153	507590	17.240	ng/ul	98
51) 2,4-Dinitrophenol	14.26	184	46336	13.632	ng/ul	95
53) 4-Nitrophenol	14.37	109	89980	17.790	ng/ul	96
54) Dibenzofuran	14.54	168	715096	17.283	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	166711	18.193	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.77	232	143054	18.470	ng/ul	98
57) Diethylphthalate	14.99	149	577039	17.317	ng/ul	99
59) Fluorene	15.19	166	585943	17.506	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	289451	17.329	ng/ul	97
61) 4-Nitroaniline	15.22	138	130278	18.948	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.28	198	80238	15.523	ng/ul	95
65) N-Nitrosodiphenylamine	15.41	169	497073	17.614	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	175400	17.887	ng/ul	98
67) Hexachlorobenzene	16.20	284	195330	17.716	ng/ul	99
68) Atrazine	16.37	200	171143	18.518	ng/ul	100
69) Pentachlorophenol	16.54	266	108288	17.834	ng/ul	97
70) Phenanthrene	16.93	178	913940	17.231	ng/ul	99
72) Anthracene	17.02	178	930025	17.477	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	248748	17.686	ng/uL	99
74) Pentachlorobenzene	14.46	250	235067	17.617	ng/uL	100
75) Carbazole	17.29	167	822594	18.685	ng/ul	99
76) Di-n-butylphthalate	17.87	149	950386	18.025	ng/ul	99
77) Fluoranthene	18.95	202	1033249	18.571	ng/ul	99
80) Pyrene	19.32	202	1085327	17.662	ng/ul	96
81) Butylbenzylphthalate	20.24	149	418717	19.250	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.01	252	319562	19.936	ng/ul	99
83) Benzo(a)anthracene	21.07	228	1061280	17.590	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	640574	18.999	ng/ul	100
85) Chrysene	21.12	228	1033928	17.241	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1064065	18.593	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	1074046	17.438	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1068781	17.373	ng/ul	99
91) Benzo(a)pyrene	23.11	252	947474	17.480	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1207040	17.159	ng/ul	99
93) Dibenzo(a,h)anthracene	25.30	278	1021898	17.155	ng/ul	99
94) Benzo(g,h,i)perylene	25.91	276	1003885	17.097	ng/ul	99

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

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