Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012316.D
Acq On : 18 Oct 2020 05:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
10/19/2020 1:25:03 PM

Quant Time: Oct 19 02:20:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 01:01:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	222488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	908638	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	568396	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1190723	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1146092	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1163783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	38459	7.96	ng/uL	0.00
5) Phenol-d5	6.78	99	402346	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	237437	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	322177	20.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	323610	20.14	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	152633	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	176808	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	320172	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	379560	19.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	946163	20.51	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1141963	20.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	183483	20.84	ng/ul	0.00
58) Fluorene-d10	15.24	176	810819	20.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	158114	18.95	ng/ul	0.00
71) Anthracene-d10	17.09	188	1229691	21.02	ng/ul	0.00
79) Pyrene-d10	19.39	212	1292221	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1377850	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	43348	7.592	ng/uL#	89
4) Benzaldehyde	6.75	77	164731	14.368	ng/ul	97
6) Phenol	6.80	94	427478	20.395	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	331880	20.329	ng/ul	96
10) 2-Chlorophenol	7.17	128	337860	20.815	ng/ul	95
11) 2-Methylphenol	8.04	108	319916	20.545	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	440650	20.306	ng/ul	98
14) Acetophenone	8.42	105	504511	20.288	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	268798	20.617	ng/ul	97
16) 4-Methylphenol	8.37	108	348750	20.690	ng/ul	94
17) Hexachloroethane	8.66	117	143591	20.211	ng/ul	93
20) Nitrobenzene	8.79	77	414092	20.641	ng/ul	96
21) Isophorone	9.32	82	740254	20.654	ng/ul	97
23) 2-Nitrophenol	9.49	139	188254	20.234	ng/ul	93
24) 2,4-Dimethylphenol	9.56	107	391966	20.872	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	438254	20.042	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	320996	20.748	ng/ul	98
28) Naphthalene	10.42	128	1087853	20.611	ng/ul	99
30) 4-Chloroaniline	10.53	127	385505	20.287	ng/ul	100
31) Hexachlorobutadiene	10.70	225	195176	19.761	ng/ul	93
32) Caprolactam	11.31	113	105988m	21.161	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	364216	20.785	ng/ul	95
34) 2-Methylnaphthalene	12.04	142	734073	20.209	ng/ul	95

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35) 1-Methylnaphthalene	12.26	142	737716	20.538	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	363926	20.495	ng/ul	98
38) Hexachlorocyclopentadiene	12.39	237	203874	16.791	ng/ul	89
39) 2,4,6-Trichlorophenol	12.66	196	246945	20.240	ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	267876	21.033	ng/ul	93
41) 1,1'-Biphenyl	13.07	154	964366	20.135	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	762444	20.314	ng/ul	99
43) 2-Nitroaniline	13.32	65	241798	20.972	ng/ul	97
45) Dimethylphthalate	13.70	163	994326	20.682	ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	203802	20.611	ng/ul	93
48) Acenaphthylene	13.96	152	1214862	21.066	ng/ul	98
49) 3-Nitroaniline	14.15	138	177024	19.825	ng/ul	97
50) Acenaphthene	14.30	153	829482	20.418	ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	111743	17.998	ng/ul	90
53) 4-Nitrophenol	14.47	109	160305	21.247	ng/ul	99
54) Dibenzofuran	14.64	168	1156310	20.911	ng/ul	99
55) 2,4-Dinitrotoluene	14.62	165	293914	20.752	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	14.87	232	228132	20.798	ng/ul	96
57) Diethylphthalate	15.07	149	999093	20.504	ng/ul	98
59) Fluorene	15.29	166	961611	20.676	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	455936	20.090	ng/ul	88
61) 4-Nitroaniline	15.32	138	208279	21.676	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.38	198	170802	18.848	ng/ul	95
65) N-Nitrosodiphenylamine	15.51	169	802316	20.829	ng/ul	94
66) 4-Bromophenyl-phenylether	16.19	248	279292	21.020	ng/ul#	86
67) Hexachlorobenzene	16.30	284	323609	20.190	ng/ul	98
68) Atrazine	16.47	200	293387	20.514	ng/ul	99
69) Pentachlorophenol	16.64	266	196534	20.189	ng/ul	93
70) Phenanthrene	17.03	178	1531678	20.920	ng/ul	99
72) Anthracene	17.12	178	1530412	20.775	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	352150	20.555	ng/uL	91
74) Pentachlorobenzene	14.56	250	374837	21.301	ng/uL	95
75) Carbazole	17.39	167	1374264	21.045	ng/ul	98
76) Di-n-butylphthalate	17.96	149	1732421	20.560	ng/ul	99
77) Fluoranthene	19.05	202	1744453	20.773	ng/ul	98
80) Pyrene	19.42	202	1793487	20.701	ng/ul	100
81) Butylbenzylphthalate	20.33	149	788324	20.303	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	482573	16.549	ng/ul	93
83) Benzo(a)anthracene	21.17	228	1612788	20.507	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	1214949	20.377	ng/ul	98
85) Chrysene	21.22	228	1617301	20.981	ng/ul	98
87) Di-n-octyl phthalate	21.97	149	1977030	20.444	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1655354	20.252	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1668141	21.020	ng/ul	98
91) Benzo(a)pyrene	23.27	252	1574034	21.010	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.53	276	1952749	20.464	ng/ul	98
93) Dibenzo(a,h)anthracene	25.54	278	1639903	20.326	ng/ul	96
94) Benzo(g,h,i)perylene	26.20	276	1602203	20.185	ng/ul	97

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

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