Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116380.D
Acq On : 19 Aug 2019 9:24
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:44:54 PM

Quant Time: Aug 19 16:28:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112865	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	467477	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	254396	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	444809	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	337070	20.00	ng		-0.01
87) Perylene-d12	15.42	264	352468	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	579602	85.97	ng		-0.01
7) Phenol-d6	6.45	99	714596	84.01	ng		-0.01
23) Nitrobenzene-d5	7.37	82	655847	80.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	203419	82.47	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1163473	85.66	ng		-0.01
79) Terphenyl-d14	12.90	244	1337677	83.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	136250	40.003	ng		99
3) Pyridine	3.28	79	355724	37.388	ng		99
4) n-Nitrosodimethylamine	3.24	42	137956	36.742	ng		94
6) Aniline	6.47	93	479695	39.378	ng	#	88
8) 2-Chlorophenol	6.60	128	324066	43.468	ng		98
9) Benzaldehyde	6.36	77	210580	35.879	ng		98
10) Phenol	6.46	94	417749	41.704	ng		92
11) bis(2-Chloroethyl)ether	6.54	93	312989	42.499	ng		98
12) 1,3-Dichlorobenzene	6.75	146	361458	41.952	ng		98
13) 1,4-Dichlorobenzene	6.82	146	366207	42.449	ng		99
14) 1,2-Dichlorobenzene	6.97	146	339749	42.770	ng		98
15) Benzyl Alcohol	6.96	79	261248	40.470	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420278	41.839	ng		80
17) 2-Methylphenol	7.07	107	265557	42.067	ng		97
18) Hexachloroethane	7.31	117	135407	42.631	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	230341	43.699	ng		98
20) 3+4-Methylphenols	7.23	107	341266	45.683	ng	#	88
22) Acetophenone	7.22	105	439583	42.876	ng	#	96
24) Nitrobenzene	7.39	77	372934	42.647	ng		100
25) Isophorone	7.63	82	660033	42.622	ng		98
26) 2-Nitrophenol	7.71	139	178640	43.338	ng		97
27) 2,4-Dimethylphenol	7.75	122	254847	41.094	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	413243	43.054	ng		99
29) 2,4-Dichlorophenol	7.96	162	279684	42.713	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	310910	41.654	ng		99
31) Naphthalene	8.11	128	953993	43.366	ng		99
32) Benzoic acid	7.91	122	145130	33.193	ng		96
33) 4-Chloroaniline	8.16	127	414547	42.176	ng		97
34) Hexachlorobutadiene	8.22	225	180033	41.875	ng		99
35) Caprolactam	8.53	113	87198m	41.174	ng		
36) 4-Chloro-3-methylphenol	8.65	107	295951	43.445	ng		99
37) 2-Methylnaphthalene	8.80	142	623893	43.063	ng		99
38) 1-Methylnaphthalene	8.90	142	597289	43.578	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288794	42.463	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	87509	32.462	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	171924	36.726	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	176562	36.487	ng		98
46) 1,1'-Biphenyl	9.26	154	770893	42.922	ng		99
47) 2-Chloronaphthalene	9.29	162	621436	41.572	ng		99
48) 2-Nitroaniline	9.39	65	200967	40.674	ng		99
49) Acenaphthylene	9.70	152	917114	42.054	ng		99
50) Dimethylphthalate	9.56	163	729701	42.127	ng		99
51) 2,6-Dinitrotoluene	9.63	165	160502	42.638	ng	#	84
52) Acenaphthene	9.87	154	566380	42.334	ng		99
53) 3-Nitroaniline	9.80	138	188298	40.484	ng		98
54) 2,4-Dinitrophenol	9.93	184	51790	32.221	ng		97
55) Dibenzofuran	10.05	168	795338	40.878	ng		99
56) 4-Nitrophenol	9.99	139	116161	38.986	ng		93
57) 2,4-Dinitrotoluene	10.04	165	199271	39.760	ng	#	85
58) Fluorene	10.39	166	661925	44.219	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	143878	35.341	ng		94
60) Diethylphthalate	10.26	149	709704	43.885	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	337256	44.486	ng		99
62) 4-Nitroaniline	10.42	138	177857	37.001	ng		99
63) Azobenzene	10.53	77	726008	43.647	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96534	40.953	ng		87
66) n-Nitrosodiphenylamine	10.50	169	584625	43.667	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	206229	43.310	ng		100
68) Hexachlorobenzene	10.94	284	234784	42.641	ng		98
69) Atrazine	11.02	200	147608	33.513	ng		98
70) Pentachlorophenol	11.15	266	96745	36.191	ng		99
71) Phenanthrene	11.35	178	982543	43.208	ng		100
72) Anthracene	11.40	178	1003371	43.599	ng		99
73) Carbazole	11.56	167	908477	43.512	ng		100
74) Di-n-butylphthalate	11.87	149	1137266	46.693	ng		99
75) Fluoranthene	12.54	202	1027005	43.140	ng		99
77) Benzidine	12.66	184	447598	39.306	ng		99
78) Pyrene	12.77	202	1041246	40.980	ng		98
80) Butylbenzylphthalate	13.37	149	482387	44.881	ng		94
81) Benzo(a)anthracene	13.96	228	918768	42.646	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	327774	43.791	ng		99
83) Chrysene	14.00	228	894762	42.778	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	676570	48.441	ng		98
85) Di-n-octyl phthalate	14.53	149	1070472	48.253	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	781043	44.460	ng		100
88) Benzo(b)fluoranthene	15.00	252	845416	41.482	ng		99
89) Benzo(k)fluoranthene	15.03	252	792031	39.900	ng		98
90) Benzo(a)pyrene	15.36	252	747321	41.020	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	644331	40.858	ng		98
92) Benzo(g,h,i)perylene	17.32	276	605539	39.099	ng		98

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

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