Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024111.D
Acq On : 16 Dec 2019 16:45
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
12/17/2019 3:20:14 PM

Quant Time: Dec 16 17:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	364100	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1630097	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1088717	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2369729	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2408466	20.00	ng	0.00
87) Perylene-d12	23.22	264	2835634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1600086	69.70	ng	0.00
7) Phenol-d6	6.65	99	2457863	83.36	ng	0.00
23) Nitrobenzene-d5	8.61	82	2652787	90.34	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1170381	86.12	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	5944634	75.19	ng	0.00
79) Terphenyl-d14	19.53	244	10028755	80.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	342990	37.129	ng	# 100
3) Pyridine	3.43	79	1064990	43.738	ng	100
4) n-Nitrosodimethylamine	3.35	42	320550	36.163	ng	100
6) Aniline	6.80	93	1584525	44.816	ng	100
8) 2-Chlorophenol	7.03	128	945748	40.433	ng	100
9) Benzaldehyde	6.62	77	582854	34.715	ng	100
10) Phenol	6.68	94	1271321	45.797	ng	100
11) bis(2-Chloroethyl)ether	6.90	93	987783	45.290	ng	100
12) 1,3-Dichlorobenzene	7.35	146	1065197	38.102	ng	100
13) 1,4-Dichlorobenzene	7.49	146	1090345	38.525	ng	100
14) 1,2-Dichlorobenzene	7.80	146	1067284	39.554	ng	100
15) Benzyl Alcohol	7.71	79	955311	51.777	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1225240	38.673	ng	100
17) 2-Methylphenol	7.92	107	861561	46.889	ng	100
18) Hexachloroethane	8.52	117	406975	39.206	ng	100
19) n-Nitroso-di-n-propylamine	8.27	70	922365	56.017	ng	100
20) 3+4-Methylphenols	8.25	107	1194678	48.815	ng	100
22) Acetophenone	8.28	105	1693674	42.092	ng	100
24) Nitrobenzene	8.65	77	1292069	45.986	ng	100
25) Isophorone	9.18	82	2377785	49.245	ng	100
26) 2-Nitrophenol	9.36	139	563915	46.491	ng	100
27) 2,4-Dimethylphenol	9.43	122	813413	40.058	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	1502611	44.972	ng	100
29) 2,4-Dichlorophenol	9.89	162	972077	42.342	ng	100
30) 1,2,4-Trichlorobenzene	10.09	180	1090799	38.618	ng	100
31) Naphthalene	10.28	128	3276392	40.679	ng	100
32) Benzoic acid	9.61	122	745752m	57.062	ng	
33) 4-Chloroaniline	10.40	127	1464297	41.872	ng	100
34) Hexachlorobutadiene	10.56	225	625752	37.164	ng	100
35) Caprolactam	11.21	113	370214m	54.394	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1157445	51.675	ng	100
37) 2-Methylnaphthalene	11.90	142	2425483	43.262	ng	100
38) 1-Methylnaphthalene	12.13	142	2326029	43.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1208382	32.756	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	432590	21.492	ng		100
43) 2,4,6-Trichlorophenol	12.53	196	836138	39.271	ng		100
44) 2,4,5-Trichlorophenol	12.61	196	854093	38.494	ng		100
46) 1,1'-Biphenyl	12.94	154	3267016	36.257	ng		100
47) 2-Chloronaphthalene	12.98	162	2583697	38.471	ng		100
48) 2-Nitroaniline	13.20	65	873947	49.974	ng		100
49) Acenaphthylene	13.83	152	4027814	40.500	ng		100
50) Dimethylphthalate	13.59	163	3339477	42.444	ng		100
51) 2,6-Dinitrotoluene	13.71	165	729489	44.325	ng		100
52) Acenaphthene	14.18	154	2451801	37.682	ng		100
53) 3-Nitroaniline	14.04	138	812942	42.908	ng		100
54) 2,4-Dinitrophenol	14.26	184	397590	51.166	ng		100
55) Dibenzofuran	14.52	168	3860125	40.638	ng		100
56) 4-Nitrophenol	14.37	139	603730	41.458	ng		100
57) 2,4-Dinitrotoluene	14.52	165	1037628	48.127	ng		100
58) Fluorene	15.17	166	3212836	41.623	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	801403	41.416	ng		100
60) Diethylphthalate	14.97	149	3408021	44.548	ng		100
61) 4-Chlorophenyl-phenylether	15.18	204	1586210	39.994	ng		100
62) 4-Nitroaniline	15.22	138	811557	40.857	ng		100
63) Azobenzene	15.47	77	3343773	48.400	ng		100
65) 4,6-Dinitro-2-methylphenol	15.29	198	533312	48.055	ng		100
66) n-Nitrosodiphenylamine	15.40	169	2793461	38.586	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	1038621	39.406	ng		100
68) Hexachlorobenzene	16.19	284	1264020	41.123	ng		100
69) Atrazine	16.36	200	747405	31.758	ng		100
70) Pentachlorophenol	16.53	266	622193	37.956	ng		100
71) Phenanthrene	16.92	178	5132481	38.384	ng		100
72) Anthracene	17.00	178	5035248	38.855	ng		100
73) Carbazole	17.29	167	4783846	39.670	ng		100
74) Di-n-butylphthalate	17.86	149	5923482	43.320	ng		100
75) Fluoranthene	18.95	202	5957573	39.484	ng		100
77) Benzidine	19.15	184	2066926	31.283	ng		100
78) Pyrene	19.31	202	6123187	38.794	ng		100
80) Butylbenzylphthalate	20.23	149	2806256	46.781	ng		100
81) Benzo(a)anthracene	21.07	228	6141082	39.342	ng		100
82) 3,3'-Dichlorobenzidine	21.01	252	2256913	40.770	ng		100
83) Chrysene	21.12	228	5857467	38.706	ng		100
84) Bis(2-ethylhexyl)phthalate	21.02	149	4047864	45.542	ng		100
85) Di-n-octyl phthalate	21.87	149	6801772	48.016	ng		100
86) Indeno(1,2,3-cd)pyrene	25.33	276	7532706	41.704	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	6836597	39.820	ng		100
89) Benzo(k)fluoranthene	22.63	252	6413555	37.648	ng		100
90) Benzo(a)pyrene	23.13	252	6204702	39.220	ng		100
91) Dibenzo(a,h)anthracene	25.34	278	6242498	37.723	ng		100
92) Benzo(g,h,i)perylene	25.97	276	5877024	37.391	ng		100

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

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