Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020121.D
Acq On : 03 May 2019 20:40
Operator : JU/SJ
Sample : K2584-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Manual Integrations APPROVED
mohammad
5/7/2019 11:59:15 PM

Quant Time: May 04 06:46:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	129873	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	463423	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	281291	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	644847	20.00	ng		0.00
76) Chrysene-d12	21.36	240	679427	20.00	ng		-0.01
87) Perylene-d12	23.64	264	789576	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1078530	135.74	ng		0.00
7) Phenol-d6	6.95	99	1531857	141.13	ng		0.00
23) Nitrobenzene-d5	8.95	82	1089537	92.82	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	610596	139.85	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1893770	82.83	ng		-0.01
79) Terphenyl-d14	19.80	244	3693960	94.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	115322	29.594	ng		94
3) Pyridine	3.70	79	326779	32.789	ng		98
4) n-Nitrosodimethylamine	3.62	42	128042	40.066	ng	#	90
6) Aniline	7.12	93	391644	28.663	ng		99
8) 2-Chlorophenol	7.35	128	361126	41.743	ng		97
9) Benzaldehyde	6.93	77	89817	10.933	ng		98
10) Phenol	6.98	94	516931	44.239	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	347794	40.951	ng		97
12) 1,3-Dichlorobenzene	7.67	146	385552	38.304	ng		99
13) 1,4-Dichlorobenzene	7.82	146	391438	38.496	ng		98
14) 1,2-Dichlorobenzene	8.13	146	380742	39.302	ng		98
15) Benzyl Alcohol	8.03	79	432896	41.360	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	280101	39.774	ng		98
17) 2-Methylphenol	8.22	107	325833	43.317	ng		98
18) Hexachloroethane	8.86	117	154612	36.467	ng		91
19) n-Nitroso-di-n-propylamine	8.59	70	361395	38.916	ng		95
20) 3+4-Methylphenols	8.55	107	434382	43.450	ng		98
22) Acetophenone	8.61	105	594098	46.907	ng	#	97
24) Nitrobenzene	8.99	77	536662	44.095	ng		97
25) Isophorone	9.51	82	861882	42.578	ng		99
26) 2-Nitrophenol	9.70	139	191506	52.121	ng		96
27) 2,4-Dimethylphenol	9.75	122	308892	50.496	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	474711	43.059	ng		97
29) 2,4-Dichlorophenol	10.22	162	369097	47.851	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	438368	46.187	ng		99
31) Naphthalene	10.63	128	1094169	45.498	ng		99
32) Benzoic acid	9.85	122	116401	29.672	ng		94
33) 4-Chloroaniline	10.75	127	146811	14.832	ng		98
34) Hexachlorobutadiene	10.90	225	295671	44.038	ng		98
35) Caprolactam	11.53	113	108674m	47.118	ng		
36) 4-Chloro-3-methylphenol	11.86	107	366027	40.380	ng		94
37) 2-Methylnaphthalene	12.24	142	784880	44.768	ng		99
38) 1-Methylnaphthalene	12.46	142	730575	42.613	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	508794	46.232	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	489423	75.529	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	292708	46.799	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	311303	44.553	ng		96
46) 1,1'-Biphenyl	13.26	154	970212	41.904	ng		98
47) 2-Chloronaphthalene	13.30	162	790479	42.761	ng		99
48) 2-Nitroaniline	13.52	65	267097	40.585	ng		93
49) Acenaphthylene	14.15	152	1108920	37.483	ng		99
50) Dimethylphthalate	13.89	163	1118739	46.794	ng		98
51) 2,6-Dinitrotoluene	14.01	165	201990	40.114	ng		98
52) Acenaphthene	14.49	154	678201	39.976	ng		99
53) 3-Nitroaniline	14.35	138	126257	27.016	ng		94
54) 2,4-Dinitrophenol	14.55	184	227838	89.238	ng		94
55) Dibenzofuran	14.83	168	1122539	39.227	ng		98
56) 4-Nitrophenol	14.65	139	372479	93.413	ng		89
57) 2,4-Dinitrotoluene	14.80	165	294106	42.984	ng		96
58) Fluorene	15.47	166	913523	38.870	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	301246	45.369	ng		97
60) Diethylphthalate	15.25	149	1004233	41.693	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	529369	39.753	ng		94
62) 4-Nitroaniline	15.51	138	210515	40.816	ng		98
63) Azobenzene	15.76	77	1065394	37.494	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	151962	46.899	ng		96
66) n-Nitrosodiphenylamine	15.69	169	831382	43.815	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	337130	42.634	ng		94
68) Hexachlorobenzene	16.47	284	391345	43.007	ng		97
69) Atrazine	16.64	200	311637	42.026	ng		98
70) Pentachlorophenol	16.82	266	531831	102.150	ng		98
71) Phenanthrene	17.22	178	1608798	45.196	ng		100
72) Anthracene	17.31	178	1602683	45.032	ng		99
73) Carbazole	17.58	167	1487118	46.309	ng		99
74) Di-n-butylphthalate	18.14	149	1866412	48.294	ng		98
75) Fluoranthene	19.23	202	2261137	50.205	ng		100
77) Benzidine	19.43	184	645345	29.710	ng		100
78) Pyrene	19.60	202	2306660	50.567	ng		99
80) Butylbenzylphthalate	20.50	149	910336	54.878	ng		100
81) Benzo(a)anthracene	21.34	228	2373167	49.806	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	745021	40.967	ng		99
83) Chrysene	21.40	228	2334097	50.510	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1390314	54.012	ng		99
85) Di-n-octyl phthalate	22.16	149	2402314	56.152	ng		98
86) Indeno(1,2,3-cd)pyrene	25.97	276	3070164	55.856	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2580755	49.497	ng		100
89) Benzo(k)fluoranthene	23.00	252	2531499	53.227	ng		99
90) Benzo(a)pyrene	23.54	252	2529128	53.403	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	2604867	52.889	ng		99
92) Benzo(g,h,i)perylene	26.69	276	2532675	54.163	ng		99

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

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