Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020051.D
Acq On : 23 Apr 2019 23:58
Operator : JU/SJ
Sample : K2487-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:46 AM

Quant Time: Apr 24 04:58:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	98361	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	396157	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	222217	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	489625	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	517188	20.00	ng		-0.02
87) Perylene-d12	23.32	264	606984	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	428840	70.66	ng		-0.02
7) Phenol-d6	6.69	99	378988	41.49	ng		-0.02
23) Nitrobenzene-d5	8.66	82	858628	96.93	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	484968	135.58	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1751826	98.25	ng		-0.02
79) Terphenyl-d14	19.57	244	2805672	95.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	62723	23.948	ng		98
3) Pyridine	3.50	79	132513	18.066	ng		97
4) n-Nitrosodimethylamine	3.42	42	53958	22.836	ng	#	86
6) Aniline	6.85	93	245724	20.828	ng		98
8) 2-Chlorophenol	7.06	128	269435	35.693	ng		99
9) Benzaldehyde	6.67	77	103559	16.524	ng		97
10) Phenol	6.72	94	138150	13.843	ng		90
11) bis(2-Chloroethyl)ether	6.94	93	302248	41.394	ng		99
12) 1,3-Dichlorobenzene	7.37	146	270192	34.095	ng		96
13) 1,4-Dichlorobenzene	7.53	146	280790	34.922	ng		98
14) 1,2-Dichlorobenzene	7.83	146	280187	35.145	ng		99
15) Benzyl Alcohol	7.76	79	235940	28.413	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	271465	39.001	ng		96
17) 2-Methylphenol	7.95	107	189512	28.692	ng		95
18) Hexachloroethane	8.53	117	99312	31.776	ng		98
19) n-Nitroso-di-n-propylamine	8.30	70	307491	38.296	ng		98
20) 3+4-Methylphenols	8.29	107	229661	25.312	ng		98
22) Acetophenone	8.33	105	516651	47.882	ng		99
24) Nitrobenzene	8.71	77	444401	48.428	ng		97
25) Isophorone	9.22	82	768433	44.563	ng		99
26) 2-Nitrophenol	9.41	139	160609	41.070	ng		93
27) 2,4-Dimethylphenol	9.47	122	241503	43.677	ng		99
28) bis(2-Chloroethoxy)methane	9.70	93	424107	43.922	ng		99
29) 2,4-Dichlorophenol	9.95	162	261731	41.679	ng		99
30) 1,2,4-Trichlorobenzene	10.13	180	267437	39.568	ng		100
31) Naphthalene	10.32	128	904731	42.578	ng		99
32) Benzoic acid	9.63	122	39617	11.876	ng		96
33) 4-Chloroaniline	10.47	127	205164	23.438	ng		98
34) Hexachlorobutadiene	10.56	225	144428	36.232	ng		98
35) Caprolactam	11.35	113	15344m	6.455	ng		
36) 4-Chloro-3-methylphenol	11.59	107	284962	36.520	ng		98
37) 2-Methylnaphthalene	11.94	142	651457	42.111	ng		98
38) 1-Methylnaphthalene	12.16	142	632451	41.406	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	310628	45.312	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	154353	65.989	ng		97
43) 2,4,6-Trichlorophenol	12.58	196	215656	46.401	ng		99
44) 2,4,5-Trichlorophenol	12.67	196	219400	45.356	ng		98
46) 1,1'-Biphenyl	12.98	154	887876	46.131	ng		99
47) 2-Chloronaphthalene	13.02	162	670123	45.646	ng		99
48) 2-Nitroaniline	13.27	65	245693	46.429	ng		99
49) Acenaphthylene	13.88	152	1105088	43.263	ng		99
50) Dimethylphthalate	13.63	163	982567	50.129	ng		100
51) 2,6-Dinitrotoluene	13.77	165	199622	46.056	ng		88
52) Acenaphthene	14.22	154	646925	45.677	ng		99
53) 3-Nitroaniline	14.12	138	120761	27.903	ng		98
54) 2,4-Dinitrophenol	14.35	184	186480	72.792	ng		92
55) Dibenzofuran	14.56	168	1056422	45.614	ng		98
56) 4-Nitrophenol	14.47	139	84977	28.920	ng	#	81
57) 2,4-Dinitrotoluene	14.58	165	280819	45.073	ng		99
58) Fluorene	15.22	166	902096	45.967	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	202234	45.820	ng		99
60) Diethylphthalate	15.00	149	971857	47.673	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	445560	47.156	ng		97
62) 4-Nitroaniline	15.30	138	167967	39.391	ng		89
63) Azobenzene	15.51	77	1052974	48.328	ng		98
65) 4,6-Dinitro-2-methylphenol	15.35	198	122962	39.361	ng		96
66) n-Nitrosodiphenylamine	15.44	169	764510	47.761	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	260022	46.191	ng		97
68) Hexachlorobenzene	16.22	284	302094	44.725	ng		98
69) Atrazine	16.41	200	264057	48.594	ng		99
70) Pentachlorophenol	16.58	266	301515	87.366	ng		100
71) Phenanthrene	16.97	178	1358181	46.744	ng		100
72) Anthracene	17.06	178	1365576	47.214	ng		100
73) Carbazole	17.35	167	1283052	47.514	ng		99
74) Di-n-butylphthalate	17.89	149	1712460	48.288	ng		99
75) Fluoranthene	19.00	202	1603910	47.967	ng		100
77) Benzidine	19.22	184	226651	15.883	ng		98
78) Pyrene	19.37	202	1644952	48.028	ng		100
80) Butylbenzylphthalate	20.27	149	851727	51.294	ng		99
81) Benzo(a)anthracene	21.13	228	1621803	49.502	ng		100
82) 3,3'-Dichlorobenzidine	21.07	252	482328	39.569	ng		100
83) Chrysene	21.18	228	1620881	51.588	ng		100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1260813	51.003	ng		100
85) Di-n-octyl phthalate	21.90	149	2232333	55.653	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2441255	78.984	ng		99
88) Benzo(b)fluoranthene	22.67	252	1916021	47.539	ng		99
89) Benzo(k)fluoranthene	22.71	252	1784551	47.031	ng		99
90) Benzo(a)pyrene	23.23	252	1782553	49.915	ng		98
91) Dibenzo(a,h)anthracene	25.51	278	2105327	61.146	ng		99
92) Benzo(g,h,i)perylene	26.17	276	1919575	61.553	ng		99

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

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