Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011203.D
Acq On : 11 Aug 2017 16:16
Operator : SJ/JU
Sample : I4666-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Manual Integrations APPROVED
sohil
8/14/2017 6:57:04 PM

Quant Time: Aug 11 18:42:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 18:38:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	146515	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	542399	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	373451	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	937892	20.00	ng		0.00
75) Chrysene-d12	20.94	240	1172121	20.00	ng		0.00
86) Perylene-d12	23.02	264	1165281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1173532	135.40	ng		0.00
7) Phenol-d6	6.50	99	1534111	124.58	ng		0.00
23) Nitrobenzene-d5	8.45	82	1541363	106.66	ng		0.00
41) 2,4,6-Tribromophenol	15.47	330	853087	142.52	ng		0.00
44) 2-Fluorobiphenyl	12.57	172	2876295	96.59	ng		0.00
78) Terphenyl-d14	19.39	244	4701608	79.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	175652	45.137	ng	#	100
3) Pyridine	3.32	79	479599	45.119	ng	#	88
4) n-Nitrosodimethylamine	3.23	42	290025	53.541	ng	#	68
6) Aniline	6.65	93	505199	32.550	ng	#	83
8) 2-Chlorophenol	6.87	128	349644	39.734	ng	#	74
9) Benzaldehyde	6.46	77	181122	22.732	ng	#	68
10) Phenol	6.53	94	517508	38.690	ng		97
11) bis(2-Chloroethyl)ether	6.75	93	461403	44.272	ng		85
12) 1,3-Dichlorobenzene	7.18	146	440370	41.063	ng	#	77
13) 1,4-Dichlorobenzene	7.33	146	454117	41.311	ng	#	92
14) 1,2-Dichlorobenzene	7.64	146	425660	40.500	ng	#	89
15) Benzyl Alcohol	7.55	79	584668	49.491	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.84	45	462066	49.270	ng		79
17) 2-Methylphenol	7.75	107	356090	41.655	ng	#	71
18) Hexachloroethane	8.35	117	216737	45.212	ng	#	81
19) n-Nitroso-di-n-propylamine	8.10	70	514013	49.119	ng	#	89
20) 3+4-Methylphenols	8.08	107	478390	40.258	ng	#	78
22) Acetophenone	8.12	105	752163	46.262	ng	#	89
24) Nitrobenzene	8.49	77	764968	51.081	ng	#	84
25) Isophorone	9.00	82	1209379	50.190	ng	#	82
26) 2-Nitrophenol	9.19	139	201650	42.319	ng	#	7
27) 2,4-Dimethylphenol	9.26	122	361445	43.089	ng	#	65
28) bis(2-Chloroethoxy)methane	9.50	93	629693	46.855	ng		97
29) 2,4-Dichlorophenol	9.72	162	403008	42.755	ng		92
30) 1,2,4-Trichlorobenzene	9.92	180	542425	46.542	ng		99
31) Naphthalene	10.10	128	1229693	45.066	ng		99
32) Benzoic acid	9.41	122	213249	31.628	ng	#	46
33) 4-Chloroaniline	10.24	127	180498	16.582	ng	#	64
34) Hexachlorobutadiene	10.39	225	441847	48.135	ng		99
35) Caprolactam	11.03	113	103969m	38.895	ng		
36) 4-Chloro-3-methylphenol	11.37	107	509335	41.848	ng	#	73
37) 2-Methylnaphthalene	11.73	142	946060	47.197	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	715249	44.579	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	1014166	108.478	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	430497	44.329	ng		94
43) 2,4,5-Trichlorophenol	12.44	196	438446	43.835	ng	#	85
45) 1,1'-Biphenyl	12.78	154	1319432	40.860	ng		95
46) 2-Chloronaphthalene	12.82	162	1055285	44.354	ng		96
47) 2-Nitroaniline	13.04	65	449749	53.433	ng	#	59
48) Acenaphthylene	13.67	152	1586576	44.684	ng		100
49) Dimethylphthalate	13.44	163	1380054	43.198	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	289530	44.817	ng	#	45
51) Acenaphthene	14.03	154	965700	43.925	ng		96
52) 3-Nitroaniline	13.89	138	188795	33.677	ng	#	16
53) 2,4-Dinitrophenol	14.10	184	302990	65.992	ng	#	85
54) Dibenzofuran	14.37	168	1708589	47.963	ng	#	90
55) 4-Nitrophenol	14.22	139	316921	64.344	ng	#	77
56) 2,4-Dinitrotoluene	14.35	165	418341	46.127	ng	#	81
57) Fluorene	15.02	166	1399051	45.108	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	466582	49.768	ng	#	100
59) Diethylphthalate	14.83	149	1421852	43.579	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	871506	46.540	ng		97
61) 4-Nitroaniline	15.06	138	189067	31.751	ng	#	1
62) Azobenzene	15.32	77	2062628	59.070	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	253154	39.871	ng		93
65) n-Nitrosodiphenylamine	15.25	169	1214642	45.253	ng		98
66) 4-Bromophenyl-phenylether	15.93	248	561299	46.554	ng	#	90
67) Hexachlorobenzene	16.03	284	591688	43.428	ng	#	87
68) Atrazine	16.22	200	517104	48.074	ng		97
69) Pentachlorophenol	16.38	266	741677	85.745	ng		97
70) Phenanthrene	16.76	178	2364327	48.144	ng		99
71) Anthracene	16.85	178	2393256	48.864	ng		99
72) Carbazole	17.13	167	1891917	44.170	ng		99
73) Di-n-butylphthalate	17.72	149	2415831	46.315	ng	#	95
74) Fluoranthene	18.80	202	2975286	48.888	ng		99
76) Benzidine	19.01	184	3154997	112.516	ng		99
77) Pyrene	19.16	202	2976406	42.736	ng		99
79) Butylbenzylphthalate	20.11	149	1107603	44.723	ng	#	66
80) Benzo(a)anthracene	20.93	228	3129926	46.766	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	778678	29.658	ng	#	97
82) Chrysene	20.98	228	2936351	45.706	ng		98
83) Bis(2-ethylhexyl)phthalate	20.90	149	1623853	44.570	ng	#	99
84) Di-n-octyl phthalate	21.74	149	2650148	44.817	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.05	276	3541084	53.222	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	3278711	43.839	ng	#	92
88) Benzo(k)fluoranthene	22.46	252	3238818	45.183	ng	#	94
89) Benzo(a)pyrene	22.93	252	3128865	46.234	ng	#	97
90) Dibenzo(a,h)anthracene	25.06	278	2913933	46.447	ng	#	90
91) Benzo(g,h,i)perylene	25.66	276	2935909	47.658	ng	#	84

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

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