Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011110.D
Acq On : 03 Aug 2017 04:54
Operator : SJ/JU
Sample : I4534-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Manual Integrations APPROVED
Sohil
8/3/2017 6:22:39 PM

Quant Time: Aug 03 15:13:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	179590	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	775557	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	611937	20.00	ng		-0.01
63) Phenanthrene-d10	16.79	188	1522623	20.00	ng		-0.02
75) Chrysene-d12	21.02	240	1365801	20.00	ng		-0.01
86) Perylene-d12	23.13	264	1218562	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	1119092	105.34	ng		0.00
7) Phenol-d6	6.58	99	1465215	97.07	ng		-0.01
23) Nitrobenzene-d5	8.53	82	1543553	74.70	ng		-0.01
41) 2,4,6-Tribromophenol	15.54	330	1095816	111.73	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	3434824	70.40	ng		-0.02
78) Terphenyl-d14	19.46	244	5215585	75.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	132415	27.760	ng	#	100
3) Pyridine	3.41	79	393324	30.188	ng		87
4) n-Nitrosodimethylamine	3.33	42	253113	38.121	ng	#	66
6) Aniline	6.73	93	473746	24.902	ng	#	85
8) 2-Chlorophenol	6.96	128	355202	32.932	ng	#	72
9) Benzaldehyde	6.54	77	262401	26.867	ng	#	76
10) Phenol	6.61	94	505226	30.816	ng		94
11) bis(2-Chloroethyl)ether	6.83	93	458704	35.908	ng		91
12) 1,3-Dichlorobenzene	7.27	146	395991	30.125	ng	#	74
13) 1,4-Dichlorobenzene	7.42	146	413450	30.685	ng	#	90
14) 1,2-Dichlorobenzene	7.72	146	396268	30.760	ng	#	87
15) Benzyl Alcohol	7.63	79	551046	38.055	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	427112	37.155	ng		74
17) 2-Methylphenol	7.83	107	384408	36.686	ng	#	72
18) Hexachloroethane	8.43	117	192415	32.746	ng	#	86
19) n-Nitroso-di-n-propylamine	8.19	70	517879	40.374	ng	#	94
20) 3+4-Methylphenols	8.16	107	518903	35.625	ng	#	79
22) Acetophenone	8.20	105	768760	33.068	ng	#	91
24) Nitrobenzene	8.57	77	770636	35.989	ng	#	84
25) Isophorone	9.09	82	1269430	36.844	ng	#	85
26) 2-Nitrophenol	9.27	139	218879	32.125	ng	#	1
27) 2,4-Dimethylphenol	9.35	122	420518	35.060	ng	#	70
28) bis(2-Chloroethoxy)methane	9.58	93	701524	36.507	ng	#	95
29) 2,4-Dichlorophenol	9.80	162	480896	35.681	ng		86
30) 1,2,4-Trichlorobenzene	10.00	180	562003	33.724	ng		98
31) Naphthalene	10.19	128	1313083	33.655	ng		98
32) Benzoic acid	9.49	122	272257	28.240	ng	#	58
33) 4-Chloroaniline	10.32	127	240493	15.452	ng	#	64
34) Hexachlorobutadiene	10.47	225	444887	33.895	ng		97
35) Caprolactam	11.10	113	108607m	28.415	ng		
36) 4-Chloro-3-methylphenol	11.45	107	626234	35.984	ng	#	71
37) 2-Methylnaphthalene	11.81	142	1110530	38.746	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	823324	31.316	ng	#	100
40) Hexachlorocyclopentadiene	12.17	237	1269652	82.879	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	521255	32.757	ng		99
43) 2,4,5-Trichlorophenol	12.52	196	563222	34.365	ng	#	85
45) 1,1'-Biphenyl	12.86	154	1646916	31.125	ng		96
46) 2-Chloronaphthalene	12.89	162	1288500	33.051	ng	#	93
47) 2-Nitroaniline	13.12	65	550681	39.927	ng	#	63
48) Acenaphthylene	13.75	152	1977866	33.995	ng		98
49) Dimethylphthalate	13.52	163	1762922	33.677	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	360911	34.094	ng	#	39
51) Acenaphthene	14.10	154	1220407	33.877	ng		99
52) 3-Nitroaniline	13.96	138	243471	26.504	ng	#	32
53) 2,4-Dinitrophenol	14.17	184	498617	66.276	ng	#	79
54) Dibenzofuran	14.45	168	2168553	37.151	ng	#	91
55) 4-Nitrophenol	14.29	139	425981	52.781	ng		86
56) 2,4-Dinitrotoluene	14.42	165	514621	34.629	ng		85
57) Fluorene	15.10	166	1783323	35.089	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.67	232	580435	37.784	ng	#	100
59) Diethylphthalate	14.90	149	1844833	34.507	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1090523	35.540	ng		96
61) 4-Nitroaniline	15.13	138	290747	29.798	ng	#	1
62) Azobenzene	15.40	77	2389234	41.757	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	349817	33.937	ng		96
65) n-Nitrosodiphenylamine	15.32	169	1409105	32.337	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	723878	36.982	ng	#	88
67) Hexachlorobenzene	16.10	284	749805	33.899	ng	#	92
68) Atrazine	16.29	200	342190	19.596	ng		96
69) Pentachlorophenol	16.45	266	938669	66.845	ng		98
70) Phenanthrene	16.84	178	2917542	36.594	ng		100
71) Anthracene	16.93	178	2914011	36.648	ng		99
72) Carbazole	17.20	167	2090375	30.061	ng		99
73) Di-n-butylphthalate	17.79	149	2866177	33.847	ng	#	96
74) Fluoranthene	18.87	202	3292223	33.321	ng		98
76) Benzidine	19.08	184	67899m	2.078	ng		
77) Pyrene	19.23	202	3298862	40.649	ng		99
79) Butylbenzylphthalate	20.17	149	1106236	38.333	ng	#	65
80) Benzo(a)anthracene	21.00	228	2934058	37.623	ng		99
81) 3,3'-Dichlorobenzidine	20.94	252	150977	4.935	ng	#	94
82) Chrysene	21.05	228	2684582	35.862	ng		100
83) Bis(2-ethylhexyl)phthalate	20.96	149	1623085	38.232	ng	#	99
84) Di-n-octyl phthalate	21.82	149	2331436	33.836	ng		97
85) Indeno(1,2,3-cd)pyrene	25.20	276	3260608	42.057	ng	#	96
87) Benzo(b)fluoranthene	22.50	252	2705367	34.591	ng	#	92
88) Benzo(k)fluoranthene	22.54	252	2628329	35.063	ng	#	94
89) Benzo(a)pyrene	23.03	252	2651483	37.467	ng	#	96
90) Dibenzo(a,h)anthracene	25.21	278	2699354	41.146	ng	#	90
91) Benzo(g,h,i)perylene	25.83	276	2724098	42.286	ng	#	85

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

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