Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011054.D
Acq On : 28 Jul 2017 22:32
Operator : SJ/JU
Sample : I4465-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-03-072617-AMSD

Manual Integrations APPROVED
Sohil
7/31/2017 6:50:18 PM

Quant Time: Jul 31 17:06:23 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	7.39	152	204560	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	771997	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	500784	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1164155	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1263887	20.00	ng		0.00
86) Perylene-d12	23.13	264	668931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1621136	133.97	ng		0.00
7) Phenol-d6	6.59	99	2129239	123.84	ng		0.00
23) Nitrobenzene-d5	8.53	82	1823492	88.65	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1040608	129.65	ng		0.00
44) 2-Fluorobiphenyl	12.65	172	3555918	89.05	ng		-0.01
78) Terphenyl-d14	19.46	244	5030867	78.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	177259	32.625	ng	#	100
4) n-Nitrosodimethylamine	3.33	42	281739	37.253	ng	#	75
8) 2-Chlorophenol	6.96	128	477673	38.881	ng	#	78
9) Benzaldehyde	6.55	77	521731	46.899	ng	#	79
10) Phenol	6.62	94	705897	37.800	ng		98
11) bis(2-Chloroethyl)ether	6.83	93	601956	41.369	ng		92
12) 1,3-Dichlorobenzene	7.27	146	520925	34.791	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	531212	34.612	ng	#	89
14) 1,2-Dichlorobenzene	7.73	146	526364	35.871	ng	#	90
15) Benzyl Alcohol	7.63	79	507110	30.746	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.92	45	517093	39.492	ng		75
17) 2-Methylphenol	7.84	107	487637	40.857	ng	#	76
18) Hexachloroethane	8.44	117	243399	36.366	ng	#	84
19) n-Nitroso-di-n-propylamine	8.20	70	575627	39.398	ng	#	90
20) 3+4-Methylphenols	8.16	107	661053	39.844	ng	#	82
22) Acetophenone	8.20	105	926957	40.057	ng	#	95
24) Nitrobenzene	8.57	77	878677	41.224	ng	#	87
25) Isophorone	9.10	82	1420037	41.406	ng	#	84
26) 2-Nitrophenol	9.27	139	275421	40.610	ng	#	32
27) 2,4-Dimethylphenol	9.35	122	485770	40.688	ng	#	75
28) bis(2-Chloroethoxy)methane	9.59	93	776748	40.608	ng		98
29) 2,4-Dichlorophenol	9.80	162	574218	42.801	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	650186	39.196	ng		98
31) Naphthalene	10.19	128	1555182	40.044	ng		98
32) Benzoic acid	9.49	122	336071	35.020	ng	#	62
33) 4-Chloroaniline	10.35	127	205566m	13.268	ng		
34) Hexachlorobutadiene	10.48	225	494107	37.819	ng		97
35) Caprolactam	11.11	113	100628m	26.449	ng		
36) 4-Chloro-3-methylphenol	11.45	107	644763	37.220	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1213044	42.518	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	870412	40.456	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1358939	108.396	ng		96
42) 2,4,6-Trichlorophenol	12.45	196	539664	41.441	ng		96
43) 2,4,5-Trichlorophenol	12.52	196	556940	41.524	ng	#	82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	12.86	154	1689896	39.026	ng		97
46) 2-Chloronaphthalene	12.90	162	1342082	42.066	ng		92
47) 2-Nitroaniline	13.12	65	448838	39.766	ng	#	64
48) Acenaphthylene	13.76	152	1955924	41.079	ng		99
49) Dimethylphthalate	13.52	163	1690974	39.472	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	354401	40.909	ng	#	49
51) Acenaphthene	14.11	154	1209943	41.041	ng		100
52) 3-Nitroaniline	13.96	138	220794	29.370	ng	#	42
53) 2,4-Dinitrophenol	14.17	184	488732	79.381	ng	#	83
54) Dibenzofuran	14.45	168	2104014	44.045	ng	#	88
55) 4-Nitrophenol	14.29	139	473786	71.734	ng		96
56) 2,4-Dinitrotoluene	14.43	165	488138	40.137	ng		92
57) Fluorene	15.10	166	1657998	39.864	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.68	232	570278	45.362	ng	#	100
59) Diethylphthalate	14.90	149	1684438	38.500	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1028586	40.962	ng		98
61) 4-Nitroaniline	15.13	138	243021	30.435	ng	#	1
62) Azobenzene	15.40	77	2055566	43.899	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	327655	41.574	ng		93
65) n-Nitrosodiphenylamine	15.33	169	932990	28.004	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	666644	44.545	ng	#	89
67) Hexachlorobenzene	16.11	284	681875	40.321	ng	#	86
68) Atrazine	16.30	200	76721	5.746	ng		98
69) Pentachlorophenol	16.46	266	852120	79.367	ng		98
70) Phenanthrene	16.84	178	2676814	43.913	ng		99
71) Anthracene	16.93	178	2631795	43.290	ng		99
72) Carbazole	17.21	167	1191457	22.410	ng		99
73) Di-n-butylphthalate	17.80	149	2628961	40.605	ng	#	96
74) Fluoranthene	18.87	202	3159439	41.824	ng		98
77) Pyrene	19.24	202	3207416	42.709	ng		99
79) Butylbenzylphthalate	20.18	149	1062739	39.796	ng	#	67
80) Benzo(a)anthracene	21.00	228	3108955	43.080	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	211203	7.460	ng	#	91
82) Chrysene	21.06	228	2937784	42.409	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1541677	39.242	ng	#	98
84) Di-n-octyl phthalate	21.82	149	2566752	40.255	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3431077	47.824	ng	#	96
87) Benzo(b)fluoranthene	22.51	252	3247532	75.642	ng	#	91
88) Benzo(k)fluoranthene	22.55	252	2963860	72.027	ng	#	96
89) Benzo(a)pyrene	23.04	252	2887064	74.316	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	2992552	83.094	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	2809773	79.453	ng	#	84

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

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