Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011019.D
Acq On : 27 Jul 2017 20:12
Operator : SJ/JU
Sample : I4432-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:01 PM

Quant Time: Jul 28 03:47:12 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	204124	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	829375	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	511848	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1190930	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1467451	20.00	ng		0.00
86) Perylene-d12	23.13	264	1356248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	782722	64.82	ng		0.00
7) Phenol-d6	6.59	99	745074	43.43	ng		0.00
23) Nitrobenzene-d5	8.54	82	2026936	91.72	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1042807	127.11	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3869428	94.81	ng		0.00
78) Terphenyl-d14	19.47	244	5834058	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	91841	16.940	ng	#	100
3) Pyridine	3.41	79	180144	12.164	ng		90
4) n-Nitrosodimethylamine	3.33	42	141651	18.770	ng	#	70
6) Aniline	6.73	93	530027	24.512	ng		90
8) 2-Chlorophenol	6.96	128	440140	35.902	ng		84
9) Benzaldehyde	6.55	77	236206	21.278	ng		83
10) Phenol	6.61	94	306567	16.451	ng		96
11) bis(2-Chloroethyl)ether	6.84	93	641029	44.149	ng		94
12) 1,3-Dichlorobenzene	7.27	146	497274	33.283	ng	#	81
13) 1,4-Dichlorobenzene	7.42	146	516000	33.693	ng	#	91
14) 1,2-Dichlorobenzene	7.73	146	498847	34.068	ng	#	89
15) Benzyl Alcohol	7.63	79	481045	29.228	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	578322	44.263	ng		74
17) 2-Methylphenol	7.84	107	407527	34.218	ng	#	78
18) Hexachloroethane	8.45	117	204618	30.637	ng	#	85
19) n-Nitroso-di-n-propylamine	8.20	70	647889	44.439	ng	#	91
20) 3+4-Methylphenols	8.16	107	485867	29.348	ng	#	85
22) Acetophenone	8.20	105	1075595	43.264	ng	#	95
24) Nitrobenzene	8.58	77	985602	43.042	ng		91
25) Isophorone	9.10	82	1601649	43.470	ng	#	84
26) 2-Nitrophenol	9.27	139	298499	40.968	ng	#	24
27) 2,4-Dimethylphenol	9.35	122	513932	40.068	ng	#	70
28) bis(2-Chloroethoxy)methane	9.59	93	936309	45.563	ng	#	98
29) 2,4-Dichlorophenol	9.80	162	568042	39.412	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	633002	35.520	ng		98
31) Naphthalene	10.20	128	1602975	38.419	ng		99
32) Benzoic acid	9.45	122	101872	9.881	ng	#	55
33) 4-Chloroaniline	10.32	127	366474	22.018	ng	#	76
34) Hexachlorobutadiene	10.49	225	436335	31.087	ng		95
35) Caprolactam	11.11	113	22169m	5.424	ng		
36) 4-Chloro-3-methylphenol	11.45	107	639372	34.355	ng	#	73
37) 2-Methylnaphthalene	11.82	142	1261557	41.159	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	899246	40.892	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1165244	90.937	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	565453	42.483	ng		97
43) 2,4,5-Trichlorophenol	12.53	196	574739	41.925	ng	#	89
45) 1,1'-Biphenyl	12.87	154	1798603	40.639	ng		97
46) 2-Chloronaphthalene	12.90	162	1416088	43.426	ng	#	90
47) 2-Nitroaniline	13.12	65	528016	45.770	ng	#	65
48) Acenaphthylene	13.76	152	2108878	43.334	ng		100
49) Dimethylphthalate	13.52	163	1965946	44.899	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	387331	43.744	ng	#	62
51) Acenaphthene	14.11	154	1298908	43.106	ng		99
52) 3-Nitroaniline	13.97	138	282311	36.742	ng	#	37
53) 2,4-Dinitrophenol	14.17	184	496272	78.864	ng	#	87
54) Dibenzofuran	14.45	168	2253775	46.161	ng	#	90
55) 4-Nitrophenol	14.29	139	190265	28.184	ng		96
56) 2,4-Dinitrotoluene	14.43	165	534306	42.984	ng	#	93
57) Fluorene	15.10	166	1810752	42.596	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.69	232	578267	45.003	ng	#	100
59) Diethylphthalate	14.90	149	1819075	40.679	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1092592	42.570	ng		97
61) 4-Nitroaniline	15.14	138	328118	40.204	ng	#	1
62) Azobenzene	15.40	77	2225407	46.499	ng		89
64) 4,6-Dinitro-2-methylphenol	15.20	198	327125	40.574	ng		95
65) n-Nitrosodiphenylamine	15.33	169	1537924	45.123	ng		98
66) 4-Bromophenyl-phenylether	16.00	248	704961	46.046	ng	#	88
67) Hexachlorobenzene	16.11	284	729711	42.179	ng	#	85
68) Atrazine	16.30	200	618680	45.297	ng		95
69) Pentachlorophenol	16.46	266	899155	81.865	ng		98
70) Phenanthrene	16.84	178	2915726	46.757	ng		100
71) Anthracene	16.93	178	2950791	47.446	ng		99
72) Carbazole	17.22	167	2476517	45.533	ng		100
73) Di-n-butylphthalate	17.80	149	2965321	44.771	ng	#	96
74) Fluoranthene	18.88	202	3757587	48.624	ng		98
76) Benzidine	19.09	184	120504	3.433	ng		97
77) Pyrene	19.24	202	3822998	43.845	ng		100
79) Butylbenzylphthalate	20.18	149	1413007	45.572	ng	#	69
80) Benzo(a)anthracene	21.01	228	3903719	46.589	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1122635	34.153	ng	#	97
82) Chrysene	21.06	228	3620814	45.018	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2010357	44.074	ng		99
84) Di-n-octyl phthalate	21.82	149	3310384	44.716	ng		100
85) Indeno(1,2,3-cd)pyrene	25.22	276	4044432	48.553	ng		96
87) Benzo(b)fluoranthene	22.52	252	3837195	44.082	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	3821418	45.804	ng	#	95
89) Benzo(a)pyrene	23.04	252	3634315	46.141	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	3372110	46.182	ng	#	92
91) Benzo(g,h,i)perylene	25.85	276	3357741	46.830	ng	#	85

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

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