Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011081.D
Acq On : 01 Aug 2017 14:25
Operator : SJ/JU
Sample : I4476-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

Manual Integrations APPROVED
Sohil
8/2/2017 7:17:12 PM

Quant Time: Aug 01 16:28:48 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	186023	20.00	ng		0.00
21) Naphthalene-d8	10.14	136	782297	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	584559	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1618062	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1736071	20.00	ng		0.00
86) Perylene-d12	23.13	264	1347747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1225847	111.40	ng		0.00
7) Phenol-d6	6.59	99	1659583	106.14	ng		0.00
23) Nitrobenzene-d5	8.53	82	1629529	78.18	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1271348	135.69	ng		0.00
44) 2-Fluorobiphenyl	12.65	172	3590882	77.04	ng		-0.01
78) Terphenyl-d14	19.46	244	7053062	80.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	135400	27.404	ng	#	100
3) Pyridine	3.43	79	190470m	14.113	ng		
4) n-Nitrosodimethylamine	3.33	42	264038	38.391	ng	#	63
6) Aniline	6.74	93	303327	15.393	ng	#	86
8) 2-Chlorophenol	6.96	128	392640	35.144	ng	#	74
9) Benzaldehyde	6.55	77	363187	35.901	ng	#	71
10) Phenol	6.61	94	560115	32.982	ng		91
11) bis(2-Chloroethyl)ether	6.83	93	512518	38.733	ng		91
12) 1,3-Dichlorobenzene	7.27	146	407306	29.914	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	426992	30.594	ng	#	89
14) 1,2-Dichlorobenzene	7.73	146	406022	30.427	ng	#	88
15) Benzyl Alcohol	7.63	79	640261	42.687	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.92	45	454733	38.190	ng		79
17) 2-Methylphenol	7.83	107	415056	38.241	ng	#	73
18) Hexachloroethane	8.44	117	194476	31.952	ng	#	82
19) n-Nitroso-di-n-propylamine	8.19	70	538245	40.511	ng	#	91
20) 3+4-Methylphenols	8.16	107	565223	37.463	ng	#	82
22) Acetophenone	8.20	105	834224	35.575	ng	#	92
24) Nitrobenzene	8.57	77	807618	37.391	ng	#	84
25) Isophorone	9.10	82	1369318	39.401	ng	#	85
26) 2-Nitrophenol	9.27	139	234384	34.105	ng	#	7
27) 2,4-Dimethylphenol	9.35	122	447056	36.952	ng	#	65
28) bis(2-Chloroethoxy)methane	9.59	93	732855	37.809	ng		97
29) 2,4-Dichlorophenol	9.80	162	524461	38.578	ng		91
30) 1,2,4-Trichlorobenzene	10.01	180	589234	35.054	ng		96
31) Naphthalene	10.19	128	1370319	34.820	ng		99
32) Benzoic acid	9.50	122	288179	29.634	ng	#	49
33) 4-Chloroaniline	10.36	127	293481	18.694	ng	#	70
34) Hexachlorobutadiene	10.48	225	460382	34.774	ng		96
35) Caprolactam	11.11	113	127832m	33.157	ng		
36) 4-Chloro-3-methylphenol	11.45	107	678335	38.642	ng	#	75
37) 2-Methylnaphthalene	11.82	142	1168483	40.417	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	883844	35.193	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1310027	89.519	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	561771	36.956	ng		96
43) 2,4,5-Trichlorophenol	12.52	196	607690	38.815	ng	#	87
45) 1,1'-Biphenyl	12.86	154	1746044	34.544	ng		97
46) 2-Chloronaphthalene	12.90	162	1387601	37.260	ng		93
47) 2-Nitroaniline	13.12	65	596483	45.273	ng	#	65
48) Acenaphthylene	13.76	152	2117935	38.107	ng		99
49) Dimethylphthalate	13.52	163	1950275	39.000	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	405363	40.086	ng	#	42
51) Acenaphthene	14.10	154	1305310	37.930	ng		98
52) 3-Nitroaniline	13.96	138	277879	31.667	ng	#	37
53) 2,4-Dinitrophenol	14.17	184	553914	77.075	ng	#	80
54) Dibenzofuran	14.44	168	2375390	42.600	ng	#	89
55) 4-Nitrophenol	14.29	139	524937	68.088	ng	#	82
56) 2,4-Dinitrotoluene	14.43	165	597692	42.102	ng		85
57) Fluorene	15.10	166	1994910	41.091	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	679028	46.272	ng	#	100
59) Diethylphthalate	14.90	149	2113375	41.382	ng		100
60) 4-Chlorophenyl-phenylether	15.10	204	1216496	41.502	ng		98
61) 4-Nitroaniline	15.14	138	366804	39.354	ng	#	1
62) Azobenzene	15.40	77	2684327	49.112	ng		86
64) 4,6-Dinitro-2-methylphenol	15.20	198	407984	37.245	ng		90
65) n-Nitrosodiphenylamine	15.33	169	1726120	37.276	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	832620	40.028	ng	#	89
67) Hexachlorobenzene	16.10	284	859158	36.552	ng	#	87
68) Atrazine	16.30	200	252660	13.615	ng		94
69) Pentachlorophenol	16.46	266	1121438	75.150	ng		97
70) Phenanthrene	16.84	178	3519933	41.545	ng		99
71) Anthracene	16.93	178	3481858	41.207	ng		99
72) Carbazole	17.21	167	2802085	37.919	ng		99
73) Di-n-butylphthalate	17.80	149	3606225	40.074	ng	#	96
74) Fluoranthene	18.87	202	4353983	41.469	ng		98
76) Benzidine	19.09	184	165638	3.988	ng		97
77) Pyrene	19.24	202	4471819	43.350	ng		99
79) Butylbenzylphthalate	20.18	149	1572310	42.864	ng	#	69
80) Benzo(a)anthracene	21.00	228	4070838	41.066	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	246960	6.351	ng	#	97
82) Chrysene	21.06	228	3781951	39.746	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2177296	40.348	ng		99
84) Di-n-octyl phthalate	21.82	149	3405105	38.879	ng		98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3382625	34.325	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	3524632	40.747	ng	#	92
88) Benzo(k)fluoranthene	22.55	252	3494677	42.152	ng	#	94
89) Benzo(a)pyrene	23.04	252	3255018	41.586	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	2765704	38.116	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	2735997	38.400	ng	#	84

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

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