Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104642.D
Acq On : 19 Apr 2018 21:37
Operator : JU/SJ
Sample : J2457-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS001-01MSD

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:33 PM

Quant Time: Apr 20 01:49:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144942	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	578044	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	241265	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	354421	20.00	ng		0.00
75) Chrysene-d12	13.98	240	268116	20.00	ng		0.00
86) Perylene-d12	15.44	264	200964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	883942	93.25	ng		0.01
7) Phenol-d6	6.45	99	1070547	91.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	677896	76.58	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	216272	86.42	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	991384	64.91	ng		0.00
78) Terphenyl-d14	12.92	244	717058	60.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	122448	27.723	ng	#	89
3) Pyridine	3.32	79	342920	27.614	ng		89
4) n-Nitrosodimethylamine	3.27	42	135598	31.237	ng		81
6) Aniline	6.47	93	268439	16.590	ng	#	14
8) 2-Chlorophenol	6.59	128	330492	33.033	ng		98
9) Benzaldehyde	6.36	77	174701	26.487	ng		96
10) Phenol	6.46	94	437433	35.398	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	316828	32.128	ng		94
12) 1,3-Dichlorobenzene	6.75	146	332231	29.311	ng		99
13) 1,4-Dichlorobenzene	6.82	146	338884	29.993	ng		99
14) 1,2-Dichlorobenzene	6.97	146	316827	30.259	ng		99
15) Benzyl Alcohol	6.95	79	264515	29.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	380442	28.726	ng		77
17) 2-Methylphenol	7.07	107	270330	31.084	ng		94
18) Hexachloroethane	7.32	117	89920	22.321	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	211712	27.818	ng		94
20) 3+4-Methylphenols	7.22	107	324833	30.116	ng	#	81
22) Acetophenone	7.22	105	430477	30.249	ng		99
24) Nitrobenzene	7.39	77	333964	34.170	ng		98
25) Isophorone	7.63	82	591384	31.592	ng		98
26) 2-Nitrophenol	7.70	139	162865	40.932	ng		99
27) 2,4-Dimethylphenol	7.75	122	285126	34.512	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	386179	33.741	ng		99
29) 2,4-Dichlorophenol	7.95	162	264421	33.544	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	257192	29.730	ng		99
31) Naphthalene	8.11	128	883593	30.698	ng		99
33) 4-Chloroaniline	8.16	127	162795	13.202	ng		99
34) Hexachlorobutadiene	8.22	225	134527	28.390	ng		98
35) Caprolactam	8.53	113	87109	31.677	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	271335	32.102	ng		99
37) 2-Methylnaphthalene	8.80	142	553865	29.748	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	234131	33.901	ng		99
40) Hexachlorocyclopentadiene	8.95	237	7934	2.052	ng		93
42) 2,4,6-Trichlorophenol	9.09	196	167956	35.032	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	176102	32.824	ng		97
45) 1,1'-Biphenyl	9.27	154	638568	31.506	ng		99
46) 2-Chloronaphthalene	9.29	162	499697	31.213	ng		99
47) 2-Nitroaniline	9.39	65	165598	41.828	ng		98
48) Acenaphthylene	9.71	152	735870	29.297	ng		99
49) Dimethylphthalate	9.57	163	758906	39.889	ng		100
50) 2,6-Dinitrotoluene	9.63	165	128816	36.591	ng		96
51) Acenaphthene	9.88	154	419948	27.402	ng		98
52) 3-Nitroaniline	9.80	138	117580	28.529	ng		96
53) 2,4-Dinitrophenol	9.92	184	1607	6.787	ng	#	29
54) Dibenzofuran	10.05	168	635693	29.765	ng		99
55) 4-Nitrophenol	9.97	139	188836	58.327	ng		95
56) 2,4-Dinitrotoluene	10.04	165	154286	33.411	ng	#	94
57) Fluorene	10.39	166	469536	30.204	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124310	31.058	ng		94
59) Diethylphthalate	10.27	149	572188	30.197	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	224228	32.388	ng		96
61) 4-Nitroaniline	10.42	138	125553	31.156	ng		97
62) Azobenzene	10.55	77	485714	26.831	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	6002	10.292	ng		90
65) n-Nitrosodiphenylamine	10.50	169	446593	36.342	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	129008	34.221	ng		95
67) Hexachlorobenzene	10.95	284	132491	31.234	ng	#	85
68) Atrazine	11.03	200	132859	35.818	ng		99
69) Pentachlorophenol	11.14	266	113215	43.141	ng		98
70) Phenanthrene	11.36	178	587757	29.779	ng		100
71) Anthracene	11.41	178	603743	30.092	ng		99
72) Carbazole	11.57	167	563943	28.765	ng		99
73) Di-n-butylphthalate	11.89	149	737101	30.778	ng		99
74) Fluoranthene	12.55	202	562974	27.300	ng		97
76) Benzidine	12.67	184	226581	21.236	ng		97
77) Pyrene	12.78	202	553608	27.856	ng		99
79) Butylbenzylphthalate	13.39	149	270061	28.844	ng		97
80) Benzo(a)anthracene	13.97	228	505876	31.583	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	165766	27.756	ng		98
82) Chrysene	14.01	228	477374	29.015	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	405642	33.683	ng		99
84) Di-n-octyl phthalate	14.57	149	665861	33.090	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	335351	23.995	ng		97
87) Benzo(b)fluoranthene	15.02	252	399838	31.502	ng		97
88) Benzo(k)fluoranthene	15.05	252	388479	32.419	ng		98
89) Benzo(a)pyrene	15.39	252	346632	30.522	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	281822	30.215	ng		97
91) Benzo(g,h,i)perylene	17.34	276	271062	29.996	ng		95

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

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