Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103244.D
Acq On : 27 Feb 2018 3:14
Operator : SJ/JU
Sample : J1649-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MSD

Manual Integrations APPROVED
Sohil
2/27/2018 12:23:22 PM

Quant Time: Feb 27 04:59:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140815	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	555232	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	211612	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	320410	20.00	ng		0.00
75) Chrysene-d12	14.06	240	207609	20.00	ng		0.00
86) Perylene-d12	15.55	264	152579	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1141164	122.57	ng		0.02
7) Phenol-d6	6.52	99	1351777	118.65	ng		0.01
23) Nitrobenzene-d5	7.45	82	867000	89.18	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	199912	111.61	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1104834	91.59	ng		0.00
78) Terphenyl-d14	12.99	244	837187	96.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	198572	40.381	ng		91
3) Pyridine	3.49	79	544076	41.443	ng		96
4) n-Nitrosodimethylamine	3.43	42	268775	50.764	ng		97
6) Aniline	6.55	93	450575	27.403	ng		98
8) 2-Chlorophenol	6.67	128	433174	44.786	ng		99
9) Benzaldehyde	6.43	77	254083	35.513	ng		99
10) Phenol	6.53	94	547421	41.390	ng		84
11) bis(2-Chloroethyl)ether	6.61	93	452030	45.032	ng		89
12) 1,3-Dichlorobenzene	6.82	146	456434	41.295	ng		97
13) 1,4-Dichlorobenzene	6.89	146	465554	42.012	ng		99
14) 1,2-Dichlorobenzene	7.05	146	422742	41.372	ng		100
15) Benzyl Alcohol	7.02	79	347381	40.463	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	736809	42.745	ng		92
17) 2-Methylphenol	7.13	107	369227	42.007	ng		96
18) Hexachloroethane	7.38	117	98279	24.362	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	285354	40.245	ng		96
20) 3+4-Methylphenols	7.29	107	416989	38.918	ng	#	60
22) Acetophenone	7.29	105	557081	42.984	ng	#	90
24) Nitrobenzene	7.46	77	465887	43.523	ng		99
25) Isophorone	7.70	82	861226	44.976	ng		99
26) 2-Nitrophenol	7.77	139	136321	27.052	ng		97
27) 2,4-Dimethylphenol	7.81	122	377559	49.017	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	541869	48.131	ng		99
29) 2,4-Dichlorophenol	8.02	162	333272	45.192	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	332754	42.372	ng		98
31) Naphthalene	8.18	128	1152246	42.388	ng		99
32) Benzoic acid	7.92	122	89179	20.272	ng		99
33) 4-Chloroaniline	8.23	127	270553	23.065	ng		99
34) Hexachlorobutadiene	8.29	225	172417	42.162	ng		97
35) Caprolactam	8.60	113	115593m	44.599	ng		
36) 4-Chloro-3-methylphenol	8.72	107	351675	42.279	ng		99
37) 2-Methylnaphthalene	8.87	142	726665	41.363	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	273917	47.349	ng		99
40) Hexachlorocyclopentadiene	9.02	237	1881	9.702	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	188793	48.500	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	194916	43.536	ng		96
45) 1,1'-Biphenyl	9.33	154	816813	46.064	ng		98
46) 2-Chloronaphthalene	9.36	162	633231	45.139	ng		99
47) 2-Nitroaniline	9.46	65	268620	51.694	ng		88
48) Acenaphthylene	9.78	152	927363	42.965	ng		99
49) Dimethylphthalate	9.63	163	858135	50.550	ng		99
50) 2,6-Dinitrotoluene	9.70	165	127861	35.891	ng		94
51) Acenaphthene	9.95	154	529706	42.087	ng		99
52) 3-Nitroaniline	9.87	138	221117	48.922	ng		98
53) 2,4-Dinitrophenol	10.00	184	1730	10.804	ng	#	21
54) Dibenzofuran	10.12	168	780456	45.172	ng		97
55) 4-Nitrophenol	10.05	139	201766	72.028	ng		93
56) 2,4-Dinitrotoluene	10.11	165	134041	29.750	ng		92
57) Fluorene	10.47	166	585397	39.774	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	127131	42.271	ng		96
59) Diethylphthalate	10.33	149	726885	44.770	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	269782	43.225	ng		95
61) 4-Nitroaniline	10.49	138	211683	46.890	ng		94
62) Azobenzene	10.62	77	680552	41.180	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	1922	5.830	ng		89
65) n-Nitrosodiphenylamine	10.57	169	530861	47.584	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	155617	46.624	ng		94
67) Hexachlorobenzene	11.02	284	158194	43.667	ng		99
68) Atrazine	11.10	200	126010	37.579	ng		99
69) Pentachlorophenol	11.22	266	123914	70.741	ng		98
70) Phenanthrene	11.43	178	777572	44.097	ng		99
71) Anthracene	11.49	178	809636	44.777	ng		99
72) Carbazole	11.64	167	788490	43.790	ng		99
73) Di-n-butylphthalate	11.96	149	1030035	45.716	ng		100
74) Fluoranthene	12.63	202	783761	44.232	ng		99
76) Benzidine	12.75	184	647323	83.402	ng		98
77) Pyrene	12.86	202	793057	48.995	ng		100
79) Butylbenzylphthalate	13.46	149	431719	50.482	ng		96
80) Benzo(a)anthracene	14.04	228	617004	45.804	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	249074	51.811	ng		98
82) Chrysene	14.09	228	557995	42.662	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	587135	50.876	ng	#	100
84) Di-n-octyl phthalate	14.64	149	952383	51.077	ng		97
85) Indeno(1,2,3-cd)pyrene	17.08	276	454782	43.920	ng		98
87) Benzo(b)fluoranthene	15.12	252	450346	44.891	ng		98
88) Benzo(k)fluoranthene	15.14	252	458688	48.556	ng		99
89) Benzo(a)pyrene	15.49	252	427297	47.697	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	373265	53.922	ng		99
91) Benzo(g,h,i)perylene	17.54	276	368613	54.484	ng		97

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

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