Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097922.D
Acq On : 21 Aug 2017 23:06
Operator : SJ/JU
Sample : I4890-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-6MS

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:44 PM

Quant Time: Aug 22 05:56:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	124295	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	471562	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	187360	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	310505	20.00	ng		0.00
75) Chrysene-d12	13.90	240	241547	20.00	ng		0.00
86) Perylene-d12	15.32	264	180889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1037999	127.03	ng		0.02
7) Phenol-d6	6.40	99	1386456	124.87	ng		0.01
23) Nitrobenzene-d5	7.32	82	863780	99.51	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	199465	122.70	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1110248	87.06	ng		0.00
78) Terphenyl-d14	12.85	244	752393	64.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	153429	33.667	ng		89
3) Pyridine	3.22	79	426859	33.882	ng		86
4) n-Nitrosodimethylamine	3.16	42	182337	37.614	ng		79
6) Aniline	6.42	93	509000	32.634	ng		99
8) 2-Chlorophenol	6.54	128	333185	38.663	ng		98
9) Benzaldehyde	6.30	77	248510	35.337	ng		87
10) Phenol	6.41	94	530043	40.819	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	376446	38.410	ng		98
12) 1,3-Dichlorobenzene	6.69	146	332968	35.920	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	334494	35.480	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	311485	35.832	ng		99
15) Benzyl Alcohol	6.90	79	330643	39.777	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	488606	37.053	ng		90
17) 2-Methylphenol	7.01	107	303113	39.913	ng		95
18) Hexachloroethane	7.26	117	115468	31.239	ng	#	80
19) n-Nitroso-di-n-propylamine	7.17	70	273443	35.977	ng		89
20) 3+4-Methylphenols	7.16	107	352680	38.022	ng		94
22) Acetophenone	7.16	105	481257	38.632	ng	#	93
24) Nitrobenzene	7.34	77	428025	44.285	ng		95
25) Isophorone	7.57	82	748626	41.476	ng		95
26) 2-Nitrophenol	7.65	139	146761	42.579	ng	#	77
27) 2,4-Dimethylphenol	7.69	122	300227	39.883	ng		92
28) bis(2-Chloroethoxy)methane	7.79	93	472183	39.791	ng		98
29) 2,4-Dichlorophenol	7.89	162	253547	40.576	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	255783	36.925	ng		99
31) Naphthalene	8.06	128	911380	37.228	ng		99
32) Benzoic acid	7.77	122	35901	12.077	ng		87
33) 4-Chloroaniline	8.10	127	326928	31.665	ng		99
34) Hexachlorobutadiene	8.17	225	147911	36.571	ng		98
35) Caprolactam	8.47	113	87689m	41.278	ng		
36) 4-Chloro-3-methylphenol	8.59	107	301961	37.611	ng	#	82
37) 2-Methylnaphthalene	8.75	142	571217	38.058	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	231965	40.342	ng		98
40) Hexachlorocyclopentadiene	8.90	237	71209	25.778	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	164434	42.595	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	165061	43.099	ng		96
45) 1,1'-Biphenyl	9.21	154	663890	38.857	ng		95
46) 2-Chloronaphthalene	9.23	162	478786	37.926	ng	#	92
47) 2-Nitroaniline	9.33	65	206008	48.677	ng		96
48) Acenaphthylene	9.65	152	766473	38.663	ng		98
49) Dimethylphthalate	9.52	163	801571	58.528	ng		99
50) 2,6-Dinitrotoluene	9.57	165	112375	41.107	ng	#	54
51) Acenaphthene	9.82	154	450409	36.024	ng		99
52) 3-Nitroaniline	9.74	138	143324	40.636	ng		85
53) 2,4-Dinitrophenol	9.85	184	9722	16.670	ng	#	76
54) Dibenzofuran	9.99	168	662276	39.523	ng		100
55) 4-Nitrophenol	9.90	139	198959	70.714	ng	#	31
56) 2,4-Dinitrotoluene	9.97	165	138262	40.301	ng	#	51
57) Fluorene	10.33	166	468577	36.169	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	124331	41.931	ng		95
59) Diethylphthalate	10.22	149	579122	40.436	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	226329	37.604	ng		88
61) 4-Nitroaniline	10.35	138	136005	40.572	ng	#	67
62) Azobenzene	10.49	77	663083	38.977	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	11340	14.727	ng		88
65) n-Nitrosodiphenylamine	10.45	169	444836	42.070	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	132884	41.212	ng		97
67) Hexachlorobenzene	10.88	284	123666	37.628	ng	#	89
68) Atrazine	10.97	200	115998	41.367	ng		97
69) Pentachlorophenol	11.07	266	130603	68.157	ng		98
70) Phenanthrene	11.29	178	626012	37.835	ng		100
71) Anthracene	11.35	178	643481	38.344	ng		99
72) Carbazole	11.50	167	617927	38.791	ng		98
73) Di-n-butylphthalate	11.83	149	785505	42.810	ng		99
74) Fluoranthene	12.47	202	642371	37.196	ng		99
76) Benzidine	12.60	184	608411	76.822	ng	#	92
77) Pyrene	12.70	202	657026	33.257	ng		99
79) Butylbenzylphthalate	13.33	149	309833	40.905	ng	#	70
80) Benzo(a)anthracene	13.89	228	526086	36.340	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	215961	44.208	ng	#	94
82) Chrysene	13.93	228	530418	36.832	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	382328	45.552	ng	#	98
84) Di-n-octyl phthalate	14.50	149	731916	50.118	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	375173	35.414	ng		93
87) Benzo(b)fluoranthene	14.92	252	449775	39.447	ng		98
88) Benzo(k)fluoranthene	14.94	252	426378	39.803	ng	#	92
89) Benzo(a)pyrene	15.26	252	404583	40.082	ng		96
90) Dibenzo(a,h)anthracene	16.72	278	313039	38.094	ng		98
91) Benzo(g,h,i)perylene	17.12	276	306488	35.744	ng		93

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

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