Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097919.D
Acq On : 21 Aug 2017 21:43
Operator : SJ/JU
Sample : I4820-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMS

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:41 PM

Quant Time: Aug 22 05:50:09 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	112883	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	445579	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	182163	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	298334	20.00	ng		0.00
75) Chrysene-d12	13.90	240	223292	20.00	ng		0.00
86) Perylene-d12	15.32	264	173856	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	927976	125.04	ng		0.02
7) Phenol-d6	6.39	99	1274982	126.44	ng		0.00
23) Nitrobenzene-d5	7.32	82	780908	95.21	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	183946	116.38	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	949349	76.57	ng		0.00
78) Terphenyl-d14	12.85	244	588910	55.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	148073	35.777	ng		90
3) Pyridine	3.20	79	428578	37.458	ng		86
4) n-Nitrosodimethylamine	3.15	42	169090	38.408	ng	#	77
6) Aniline	6.42	93	383866	27.099	ng	#	87
8) 2-Chlorophenol	6.54	128	319703	40.849	ng		96
9) Benzaldehyde	6.30	77	228164	35.724	ng		87
10) Phenol	6.41	94	470144	39.866	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	362750	40.754	ng		95
12) 1,3-Dichlorobenzene	6.69	146	316194	37.559	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	320726	37.459	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	300600	38.076	ng		99
15) Benzyl Alcohol	6.90	79	313220	41.490	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	448711	37.468	ng		90
17) 2-Methylphenol	7.01	107	287533	41.689	ng		95
18) Hexachloroethane	7.26	117	109746	32.693	ng	#	80
19) n-Nitroso-di-n-propylamine	7.17	70	252204	36.537	ng		91
20) 3+4-Methylphenols	7.16	107	339061	40.249	ng		90
22) Acetophenone	7.16	105	453393	38.517	ng	#	91
24) Nitrobenzene	7.33	77	398495	43.634	ng		91
25) Isophorone	7.57	82	700823	41.091	ng		96
26) 2-Nitrophenol	7.65	139	135102	41.618	ng	#	79
27) 2,4-Dimethylphenol	7.69	122	288918	40.618	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	436175	38.900	ng		98
29) 2,4-Dichlorophenol	7.89	162	242327	41.041	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	245550	37.515	ng		99
31) Naphthalene	8.06	128	922098	39.862	ng		100
32) Benzoic acid	7.82	122	200113	39.866	ng		95
33) 4-Chloroaniline	8.10	127	182423	18.699	ng		97
34) Hexachlorobutadiene	8.17	225	139315	36.454	ng		98
35) Caprolactam	8.47	113	85405m	42.548	ng		
36) 4-Chloro-3-methylphenol	8.59	107	289573	38.171	ng	#	79
37) 2-Methylnaphthalene	8.75	142	578600	40.798	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	222639	39.824	ng		98
40) Hexachlorocyclopentadiene	8.90	237	58190	21.666	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	155170	41.342	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	159296	42.780	ng		97
45) 1,1'-Biphenyl	9.21	154	644204	38.780	ng		96
46) 2-Chloronaphthalene	9.23	162	468009	38.130	ng	#	90
47) 2-Nitroaniline	9.33	65	199574	48.503	ng		96
48) Acenaphthylene	9.65	152	755600	39.202	ng		99
49) Dimethylphthalate	9.52	163	669521	50.281	ng		99
50) 2,6-Dinitrotoluene	9.57	165	106547	40.087	ng	#	58
51) Acenaphthene	9.82	154	467291	38.441	ng		99
52) 3-Nitroaniline	9.74	138	109201	31.844	ng		88
53) 2,4-Dinitrophenol	9.85	184	11341	17.975	ng	#	80
54) Dibenzofuran	9.99	168	663287	40.713	ng		98
55) 4-Nitrophenol	9.90	139	197902	72.345	ng	#	33
56) 2,4-Dinitrotoluene	9.97	165	132803	39.814	ng	#	48
57) Fluorene	10.33	166	496761	39.438	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119836	41.568	ng		94
59) Diethylphthalate	10.22	149	552483	39.677	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	215693	36.860	ng		90
61) 4-Nitroaniline	10.35	138	124085	38.072	ng	#	67
62) Azobenzene	10.49	77	632977	38.269	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	9078	13.659	ng		93
65) n-Nitrosodiphenylamine	10.45	169	430386	42.364	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	129204	41.705	ng		99
67) Hexachlorobenzene	10.88	284	120905	38.289	ng	#	85
68) Atrazine	10.97	200	112057	41.592	ng		98
69) Pentachlorophenol	11.07	266	136738	74.269	ng		98
70) Phenanthrene	11.30	178	905689	56.971	ng		100
71) Anthracene	11.35	178	718680	44.572	ng		100
72) Carbazole	11.50	167	610692	39.901	ng		99
73) Di-n-butylphthalate	11.84	149	758033	42.998	ng		99
74) Fluoranthene	12.48	202	1094255	65.946	ng		99
76) Benzidine	12.60	184	350171	47.829	ng	#	92
77) Pyrene	12.71	202	1107866	60.663	ng		100
79) Butylbenzylphthalate	13.33	149	301407	43.046	ng	#	79
80) Benzo(a)anthracene	13.90	228	738633	55.193	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	177733	39.357	ng	#	97
82) Chrysene	13.93	228	730065	54.839	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	443893	57.210	ng	#	98
84) Di-n-octyl phthalate	14.50	149	671425	49.734	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	465599	47.542	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	673759	61.482	ng		99
88) Benzo(k)fluoranthene	14.95	252	521722m	50.674	ng		
89) Benzo(a)pyrene	15.27	252	573744	59.140	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	313763	39.726	ng		98
91) Benzo(g,h,i)perylene	17.13	276	399162	48.436	ng	#	92

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

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