Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094697.D
Acq On : 28 Apr 2017 21:26
Operator : SJ/MA
Sample : I2873-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMS

Manual Integrations APPROVED
mohammad
5/1/2017 6:40:36 PM

Quant Time: Apr 29 02:35:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	112896	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	443574	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	184261	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	283841	20.00	ng		0.00
75) Chrysene-d12	14.48	240	214937	20.00	ng		0.00
86) Perylene-d12	16.10	264	165455	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	808922	118.88	ng		0.03
7) Phenol-d6	5.41	99	963851	120.15	ng		0.01
23) Nitrobenzene-d5	6.42	82	586022	81.58	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	165055	114.52	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	988197	78.91	ng		0.00
78) Terphenyl-d14	13.19	244	669043	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	106832	27.00	ng		95
3) Pyridine	2.68	79	299045	34.57	ng		99
4) n-Nitrosodimethylamine	2.63	42	132042	36.89	ng		88
6) Aniline	5.41	93	246588	23.13	ng	#	75
8) 2-Chlorophenol	5.55	128	310459	40.09	ng		96
9) Benzaldehyde	5.28	77	78844	12.92	ng		98
10) Phenol	5.42	94	393111	39.89	ng		95
11) bis(2-Chloroethyl)ether	5.49	93	285011	39.59	ng		96
12) 1,3-Dichlorobenzene	5.71	146	333661	38.89	ng		98
13) 1,4-Dichlorobenzene	5.80	146	334853	38.80	ng		98
14) 1,2-Dichlorobenzene	5.97	146	312154	39.26	ng		97
15) Benzyl Alcohol	5.95	79	231622	38.92	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	366016	38.78	ng	#	40
17) 2-Methylphenol	6.10	107	241318	39.57	ng	#	92
18) Hexachloroethane	6.35	117	95110	32.14	ng	#	83
19) n-Nitroso-di-n-propylamine	6.26	70	215873	40.61	ng		97
20) 3+4-Methylphenols	6.28	107	343242	41.42	ng	#	60
22) Acetophenone	6.25	105	437497	40.56	ng	#	84
24) Nitrobenzene	6.45	77	303874	40.17	ng		92
25) Isophorone	6.73	82	538400	40.43	ng		97
26) 2-Nitrophenol	6.82	139	152312	37.48	ng		98
27) 2,4-Dimethylphenol	6.90	122	266076	40.30	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	350167	40.65	ng		98
29) 2,4-Dichlorophenol	7.12	162	250139	40.73	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	250027	39.38	ng		99
31) Naphthalene	7.29	128	921029	43.19	ng		100
32) Benzoic acid	7.03	122	32973	9.45	ng		96
33) 4-Chloroaniline	7.37	127	84052	9.47	ng	#	92
34) Hexachlorobutadiene	7.44	225	127255	40.20	ng		97
35) Caprolactam	7.82	113	73770m	38.24	ng		
36) 4-Chloro-3-methylphenol	8.00	107	252190	39.18	ng		87
37) 2-Methylnaphthalene	8.13	142	620117	42.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	220743	42.07	ng		99
40) Hexachlorocyclopentadiene	8.32	237	42113	19.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	157775	42.82	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	161508	42.68	ng		94
45) 1,1'-Biphenyl	8.71	154	636324	42.27	ng		98
46) 2-Chloronaphthalene	8.72	162	487183	40.70	ng		96
47) 2-Nitroaniline	8.87	65	145129	42.15	ng	#	85
48) Acenaphthylene	9.22	152	753578	40.38	ng		99
49) Dimethylphthalate	9.10	163	647561	47.16	ng		99
50) 2,6-Dinitrotoluene	9.17	165	119057	38.63	ng		98
51) Acenaphthene	9.44	154	467649	41.84	ng		98
52) 3-Nitroaniline	9.37	138	88802	24.90	ng		88
53) 2,4-Dinitrophenol	9.52	184	13216	13.09	ng	#	65
54) Dibenzofuran	9.65	168	671791	41.35	ng		96
55) 4-Nitrophenol	9.64	139	124992m	49.61	ng		
56) 2,4-Dinitrotoluene	9.67	165	145456	38.46	ng	#	96
57) Fluorene	10.08	166	525266	41.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	108888	40.15	ng		95
59) Diethylphthalate	9.97	149	543341	41.94	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	217215	41.26	ng		92
61) 4-Nitroaniline	10.13	138	112182	30.95	ng		97
62) Azobenzene	10.28	77	484439	38.51	ng		93
64) 4,6-Dinitro-2-methylphenol	10.18	198	20199	10.86	ng	#	69
65) n-Nitrosodiphenylamine	10.24	169	441318	44.71	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	124658	44.23	ng		97
67) Hexachlorobenzene	10.75	284	119457	42.06	ng	#	85
68) Atrazine	10.91	200	124029	42.00	ng		97
69) Pentachlorophenol	11.01	266	104007	92.22	ng		98
70) Phenanthrene	11.26	178	1142462	71.48	ng		99
71) Anthracene	11.32	178	748918	45.30	ng		99
72) Carbazole	11.52	167	643054	41.44	ng		97
73) Di-n-butylphthalate	11.97	149	789816	46.23	ng		99
74) Fluoranthene	12.72	202	1120667	67.65	ng		99
76) Benzidine	12.89	184	287587	33.05	ng	#	94
77) Pyrene	12.99	202	1087374	72.41	ng		99
79) Butylbenzylphthalate	13.81	149	305293	46.39	ng	#	86
80) Benzo(a)anthracene	14.47	228	708880	56.74	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	150473	34.02	ng	#	96
82) Chrysene	14.51	228	633748	55.51	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	426271	48.24	ng	#	100
84) Di-n-octyl phthalate	15.28	149	697828	47.08	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	425999	39.21	ng		99
87) Benzo(b)fluoranthene	15.71	252	593057	58.59	ng		99
88) Benzo(k)fluoranthene	15.74	252	474463m	49.54	ng		
89) Benzo(a)pyrene	16.05	252	502341	53.35	ng		99
90) Dibenzo(a,h)anthracene	17.41	278	309468	39.58	ng		99
91) Benzo(g,h,i)perylene	17.77	276	357086	44.86	ng		97

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

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