Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF103000.D
Acq On : 14 Feb 2018 20:08
Operator : SJ/JU
Sample : J1539-21MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Manual Integrations APPROVED
Sohil
2/15/2018 11:06:40 AM

Quant Time: Feb 15 01:18:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181051	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	713150	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	269040	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	394875	20.00	ng		0.01
75) Chrysene-d12	14.06	240	307619	20.00	ng		0.02
86) Perylene-d12	15.53	264	269974	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1151279	96.57	ng		0.02
7) Phenol-d6	6.52	99	1363340	94.98	ng		0.02
23) Nitrobenzene-d5	7.45	82	835040	81.23	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	191474	88.42	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1114561	68.74	ng		0.00
78) Terphenyl-d14	12.99	244	801547	61.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	192521	32.695	ng		88
3) Pyridine	3.49	79	509299	31.306	ng		91
4) n-Nitrosodimethylamine	3.43	42	261918	37.628	ng		100
6) Aniline	6.55	93	306572	14.462	ng		94
8) 2-Chlorophenol	6.67	128	438897	35.760	ng		97
9) Benzaldehyde	6.43	77	118556	11.121	ng		100
10) Phenol	6.53	94	582774	37.883	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	455249	35.564	ng		92
12) 1,3-Dichlorobenzene	6.82	146	456761	32.137	ng		100
13) 1,4-Dichlorobenzene	6.90	146	464946	32.840	ng		99
14) 1,2-Dichlorobenzene	7.05	146	425756	32.286	ng		97
15) Benzyl Alcohol	7.02	79	379081	34.349	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	777372	31.969	ng		98
17) 2-Methylphenol	7.13	107	379325	33.506	ng		98
18) Hexachloroethane	7.39	117	138910	28.612	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	293903	31.054	ng		96
20) 3+4-Methylphenols	7.29	107	433990	31.086	ng	#	66
22) Acetophenone	7.29	105	586945	33.633	ng	#	94
24) Nitrobenzene	7.46	77	460937	38.106	ng		98
25) Isophorone	7.70	82	845461	35.716	ng		98
26) 2-Nitrophenol	7.77	139	137138	31.287	ng		95
27) 2,4-Dimethylphenol	7.82	122	371092	37.106	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	544282	38.813	ng		99
29) 2,4-Dichlorophenol	8.02	162	316336	34.795	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	327509	31.843	ng		99
31) Naphthalene	8.19	128	1193274	34.247	ng		99
32) Benzoic acid	7.95	122	12879	10.296	ng	#	27
33) 4-Chloroaniline	8.23	127	155082	10.332	ng		98
34) Hexachlorobutadiene	8.30	225	167429	31.768	ng		98
35) Caprolactam	8.59	113	95952	30.390	ng	#	77
36) 4-Chloro-3-methylphenol	8.72	107	335261	32.820	ng		97
37) 2-Methylnaphthalene	8.87	142	780417	34.211	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	271883	37.115	ng		99
40) Hexachlorocyclopentadiene	9.02	237	26705	7.669	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	177529	36.896	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	181747	33.513	ng		97
45) 1,1'-Biphenyl	9.34	154	810974	35.788	ng		98
46) 2-Chloronaphthalene	9.36	162	613448	34.386	ng		99
47) 2-Nitroaniline	9.46	65	232441	42.642	ng		98
48) Acenaphthylene	9.78	152	888051	32.050	ng		100
49) Dimethylphthalate	9.63	163	969145	46.199	ng		100
50) 2,6-Dinitrotoluene	9.70	165	139838	35.038	ng		90
51) Acenaphthene	9.95	154	516996	31.200	ng		99
52) 3-Nitroaniline	9.87	138	167417	34.092	ng		98
53) 2,4-Dinitrophenol	9.98	184	602	8.785	ng	#	55
54) Dibenzofuran	10.12	168	772420	33.077	ng		96
55) 4-Nitrophenol	10.03	139	215271	54.684	ng		95
56) 2,4-Dinitrotoluene	10.10	165	160061	31.063	ng		96
57) Fluorene	10.47	166	555893	32.718	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	123408	32.833	ng	#	99
59) Diethylphthalate	10.33	149	680458	32.851	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	257375	34.243	ng		100
61) 4-Nitroaniline	10.49	138	172811	36.970	ng		89
62) Azobenzene	10.62	77	624202	30.165	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	4485	11.301	ng	#	65
65) n-Nitrosodiphenylamine	10.57	169	513714	36.882	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	148675	35.593	ng		98
67) Hexachlorobenzene	11.02	284	148013	32.120	ng		97
68) Atrazine	11.10	200	140873	34.284	ng		98
69) Pentachlorophenol	11.21	266	126264	46.678	ng		99
70) Phenanthrene	11.43	178	817896	37.191	ng		98
71) Anthracene	11.49	178	767641	34.319	ng		99
72) Carbazole	11.64	167	725008	33.085	ng		100
73) Di-n-butylphthalate	11.96	149	922385	34.651	ng		98
74) Fluoranthene	12.62	202	875592	39.572	ng		98
76) Benzidine	12.74	184	32387m	2.291	ng		
77) Pyrene	12.86	202	885647	36.715	ng		99
79) Butylbenzylphthalate	13.46	149	402320	35.148	ng		98
80) Benzo(a)anthracene	14.04	228	751208	38.829	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	142009	19.797	ng		97
82) Chrysene	14.08	228	742235	38.059	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	564271	38.186	ng	#	99
84) Di-n-octyl phthalate	14.63	149	971266	43.774	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	511862	31.646	ng		98
87) Benzo(b)fluoranthene	15.10	252	688130	39.314	ng		98
88) Benzo(k)fluoranthene	15.13	252	559845	33.475	ng		98
89) Benzo(a)pyrene	15.47	252	558747	35.464	ng	#	95
90) Dibenzo(a,h)anthracene	17.06	278	426415	33.345	ng		95
91) Benzo(g,h,i)perylene	17.50	276	428598	34.242	ng		95

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

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