Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
Data File : BG031286.D
Acq On : 30 Nov 2017 00:45
Operator : SJ/JU
Sample : I6602-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-294MSD

Manual Integrations APPROVED
Sohil
11/30/2017 9:16:48 AM

Quant Time: Nov 30 04:39:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	69901	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	293924	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	195506	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	484907	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	509284	20.00	ng		-0.02
86) Perylene-d12	25.06	264	509035	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	585093	143.53	ng		-0.02
7) Phenol-d6	7.30	99	695787	126.69	ng		0.00
23) Nitrobenzene-d5	9.30	82	477781	96.32	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	383360	121.21	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1343540	98.74	ng		-0.02
78) Terphenyl-d14	20.08	244	2192390	95.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	72113	43.592	ng	#	85
3) Pyridine	3.97	79	158061	32.912	ng		85
4) n-Nitrosodimethylamine	3.87	42	94078	41.333	ng	#	84
6) Aniline	7.45	93	73010	10.102	ng		92
8) 2-Chlorophenol	7.70	128	223962	49.785	ng		89
9) Benzaldehyde	7.27	77	113355	29.496	ng		85
10) Phenol	7.33	94	253209	44.397	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	214442	47.091	ng		88
12) 1,3-Dichlorobenzene	8.02	146	254846m	48.285	ng		
13) 1,4-Dichlorobenzene	8.17	146	259123	48.448	ng		94
14) 1,2-Dichlorobenzene	8.49	146	244460	47.620	ng		97
15) Benzyl Alcohol	8.37	79	193177	43.853	ng		86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	308559	61.344	ng		91
17) 2-Methylphenol	8.58	107	192333	48.428	ng		96
18) Hexachloroethane	9.21	117	89659	48.165	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	171034	40.960	ng	#	94
20) 3+4-Methylphenols	8.91	107	264110	46.767	ng		97
22) Acetophenone	8.95	105	326679	44.638	ng	#	91
24) Nitrobenzene	9.34	77	251760	49.688	ng		91
25) Isophorone	9.86	82	484773	50.112	ng	#	93
26) 2-Nitrophenol	10.05	139	136882	51.828	ng	#	88
27) 2,4-Dimethylphenol	10.11	122	226308	57.718	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	304350	49.953	ng		98
29) 2,4-Dichlorophenol	10.60	162	255453	54.256	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	280558	49.910	ng		97
31) Naphthalene	10.99	128	707164	48.942	ng		99
32) Benzoic acid	10.25	122	19045m	10.805	ng		
33) 4-Chloroaniline	11.12	127	14494	2.291	ng		95
34) Hexachlorobutadiene	11.27	225	180701	46.352	ng		96
35) Caprolactam	11.88	113	75004m	38.996	ng		
36) 4-Chloro-3-methylphenol	12.23	107	254749	49.713	ng	#	83
37) 2-Methylnaphthalene	12.59	142	555647	49.815	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	335789	43.275	ng		97
40) Hexachlorocyclopentadiene	12.93	237	265012	90.700	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	234225	52.802	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	247209	50.935	ng	#	92
45) 1,1'-Biphenyl	13.58	154	729540	45.000	ng		97
46) 2-Chloronaphthalene	13.64	162	604288	51.661	ng		95
47) 2-Nitroaniline	13.84	65	167174	48.219	ng	#	82
48) Acenaphthylene	14.48	152	916957	47.896	ng		99
49) Dimethylphthalate	14.20	163	818976	48.448	ng		99
50) 2,6-Dinitrotoluene	14.32	165	186191	53.439	ng	#	76
51) Acenaphthene	14.82	154	577542	48.303	ng		98
52) 3-Nitroaniline	14.66	138	12053	3.258	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	45781	27.998	ng	#	44
54) Dibenzofuran	15.15	168	947075	49.729	ng		99
55) 4-Nitrophenol	14.98	139	219295	83.212	ng	#	78
56) 2,4-Dinitrotoluene	15.12	165	262429	52.100	ng	#	74
57) Fluorene	15.79	166	758319	49.045	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	243827	52.712	ng	#	89
59) Diethylphthalate	15.55	149	801295	46.666	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	454727	48.696	ng		90
61) 4-Nitroaniline	15.82	138	166794	42.577	ng		86
62) Azobenzene	16.07	77	638770	48.778	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	62778	19.477	ng	#	73
65) n-Nitrosodiphenylamine	16.00	169	710609	48.361	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	300120	48.867	ng		96
67) Hexachlorobenzene	16.80	284	304049	46.593	ng		95
68) Atrazine	16.94	200	290595	47.932	ng		97
69) Pentachlorophenol	17.15	266	204433	56.673	ng		97
70) Phenanthrene	17.54	178	1255024	49.709	ng		97
71) Anthracene	17.63	178	1287034	50.875	ng		98
72) Carbazole	17.90	167	1161590	49.003	ng		99
73) Di-n-butylphthalate	18.43	149	1326100	45.563	ng		99
74) Fluoranthene	19.53	202	1556085	48.678	ng		96
76) Benzidine	19.71	184	116605	7.128	ng		99
77) Pyrene	19.89	202	1589328	52.591	ng		96
79) Butylbenzylphthalate	20.76	149	619352	51.400	ng		85
80) Benzo(a)anthracene	21.74	228	1580963	49.976	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	142377	11.150	ng		97
82) Chrysene	21.81	228	1491968	50.984	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	871668	50.115	ng		99
84) Di-n-octyl phthalate	22.84	149	1484852	52.450	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1777133	49.954	ng		98
87) Benzo(b)fluoranthene	24.01	252	1571503	51.037	ng		99
88) Benzo(k)fluoranthene	24.08	252	1579820	51.763	ng		97
89) Benzo(a)pyrene	24.90	252	1549855	52.984	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	1482559	49.587	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1485250	51.183	ng		98

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

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