Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022313.D
Acq On : 11 Jun 2016 8:36
Operator : UM/SJ
Sample : H3449-05MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:32:19 PM

Quant Time: Jun 12 03:14:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	29242	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	144292	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	81370	20.00	ng		-0.01
63) Phenanthrene-d10	17.48	188	175126	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	156684	20.00	ng		-0.01
86) Perylene-d12	25.05	264	143647	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	235169	155.49	ng		-0.01
7) Phenol-d6	7.27	99	347313	146.06	ng		0.00
23) Nitrobenzene-d5	9.28	82	183671	88.74	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	103334	112.39	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	414357	77.60	ng		-0.01
78) Terphenyl-d14	20.07	244	497790	75.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23598	32.54	ng	#	72
3) Pyridine	3.91	79	36954	18.86	ng		95
4) n-Nitrosodimethylamine	3.82	42	21291	48.59	ng	#	85
6) Aniline	7.43	93	64204	21.25	ng	#	84
8) 2-Chlorophenol	7.67	128	96501	46.16	ng		82
9) Benzaldehyde	7.25	77	5382	4.11	ng	#	80
10) Phenol	7.29	94	122928	50.14	ng		82
11) bis(2-Chloroethyl)ether	7.52	93	87049	44.53	ng	#	77
12) 1,3-Dichlorobenzene	7.99	146	91682	40.92	ng	#	90
13) 1,4-Dichlorobenzene	8.14	146	93491	41.88	ng		94
14) 1,2-Dichlorobenzene	8.46	146	93447	41.52	ng		93
15) Benzyl Alcohol	8.35	79	67982	44.25	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	92905	45.81	ng		86
17) 2-Methylphenol	8.56	107	85701	46.84	ng	#	87
18) Hexachloroethane	9.19	117	34986	42.92	ng	#	81
19) n-Nitroso-di-n-propylamine	8.91	70	67448	41.90	ng	#	70
20) 3+4-Methylphenols	8.88	107	115339	43.95	ng		95
22) Acetophenone	8.93	105	133772	43.02	ng	#	82
24) Nitrobenzene	9.32	77	97571	46.88	ng	#	88
25) Isophorone	9.84	82	194780	40.23	ng	#	95
26) 2-Nitrophenol	10.03	139	52996	46.96	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	93725	45.88	ng		88
28) bis(2-Chloroethoxy)methane	10.32	93	119563	43.10	ng		95
29) 2,4-Dichlorophenol	10.58	162	88535	46.79	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	89155	42.16	ng		91
31) Naphthalene	10.98	128	307023	42.63	ng	#	95
32) Benzoic acid	10.23	122	33321	47.65	ng		91
33) 4-Chloroaniline	11.09	127	28247	9.43	ng	#	88
34) Hexachlorobutadiene	11.25	225	45784	40.33	ng		96
35) Caprolactam	11.86	113	34714m	33.44	ng		
36) 4-Chloro-3-methylphenol	12.21	107	100738	44.91	ng		92
37) 2-Methylnaphthalene	12.58	142	216112	40.64	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	89042	42.51	ng		97
40) Hexachlorocyclopentadiene	12.91	237	70255	66.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	65723	46.77	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	70220	45.23	ng		95
45) 1,1'-Biphenyl	13.57	154	271845	44.39	ng		95
46) 2-Chloronaphthalene	13.62	162	210750	44.90	ng		98
47) 2-Nitroaniline	13.83	65	52753	47.13	ng	#	57
48) Acenaphthylene	14.46	152	357168	43.36	ng		96
49) Dimethylphthalate	14.19	163	340481	50.47	ng		100
50) 2,6-Dinitrotoluene	14.31	165	62152	42.38	ng	#	81
51) Acenaphthene	14.80	154	210090	42.58	ng		96
52) 3-Nitroaniline	14.65	138	38620	23.74	ng	#	86
53) 2,4-Dinitrophenol	14.87	184	48032	80.17	ng	#	71
54) Dibenzofuran	15.14	168	321183	41.71	ng		99
55) 4-Nitrophenol	14.97	139	99874	88.96	ng	#	72
56) 2,4-Dinitrotoluene	15.10	165	85115	43.26	ng	#	85
57) Fluorene	15.78	166	271388	40.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	56634	40.67	ng		92
59) Diethylphthalate	15.54	149	287155	39.84	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	121573	40.47	ng		97
61) 4-Nitroaniline	15.81	138	65088	37.73	ng		82
62) Azobenzene	16.06	77	244696	44.83	ng		88
64) 4,6-Dinitro-2-methylphenol	15.87	198	39812	45.20	ng		83
65) n-Nitrosodiphenylamine	15.98	169	227864	45.17	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	68169	41.54	ng		98
67) Hexachlorobenzene	16.79	284	76603	40.05	ng		99
68) Atrazine	16.92	200	75161	40.25	ng		97
69) Pentachlorophenol	17.14	266	74788	85.73	ng		99
70) Phenanthrene	17.53	178	404899	42.57	ng		98
71) Anthracene	17.62	178	397944	42.18	ng		97
72) Carbazole	17.89	167	380395	42.58	ng		98
73) Di-n-butylphthalate	18.42	149	488823	41.85	ng		99
74) Fluoranthene	19.53	202	435083	39.79	ng		97
76) Benzidine	19.71	184	22885	5.59	ng	#	93
77) Pyrene	19.89	202	435397	44.70	ng		99
79) Butylbenzylphthalate	20.75	149	216462	47.92	ng		94
80) Benzo(a)anthracene	21.74	228	376158	42.81	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	49307	19.99	ng	#	98
82) Chrysene	21.81	228	360366	42.15	ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	314139	47.29	ng		96
84) Di-n-octyl phthalate	22.84	149	521482	47.28	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.83	276	391591	40.83	ng		97
87) Benzo(b)fluoranthene	24.00	252	362930	43.32	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	349335	42.36	ng	#	97
89) Benzo(a)pyrene	24.90	252	346033	43.20	ng	#	96
90) Dibenzo(a,h)anthracene	28.88	278	323941	42.94	ng	#	96
91) Benzo(g,h,i)perylene	30.01	276	325715	41.50	ng	#	95

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

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