Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031865.D
Acq On : 29 Dec 2017 21:58
Operator : SJ/JU
Sample : IDOC-01-W RM
Misc : WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-01-W RM

Manual Integrations APPROVED
Sohil
1/2/2018 1:06:33 PM

Quant Time: Jan 02 00:22:34 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	50438	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	221295	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	153942	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	388797	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	427050	20.00	ng		-0.01
86) Perylene-d12	26.22	264	453488	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	171770	62.03	ng		0.00
7) Phenol-d6	7.89	99	120087	33.40	ng		0.00
23) Nitrobenzene-d5	9.99	82	301472	102.87	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	24794m	10.56	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1071865	87.39	ng		0.00
78) Terphenyl-d14	20.69	244	1824131	97.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	13798	13.442	ng	#	73
3) Pyridine	4.32	79	31187	11.366	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	15731	14.207	ng	#	86
6) Aniline	8.08	93	104943	22.687	ng	#	86
8) 2-Chlorophenol	8.33	128	133608	41.594	ng	#	82
9) Benzaldehyde	7.88	77	43299	20.000	ng		87
10) Phenol	7.92	94	38863	10.706	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	118901	39.442	ng	#	79
12) 1,3-Dichlorobenzene	8.68	146	139578	34.990	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	141770	34.791	ng		91
14) 1,2-Dichlorobenzene	9.16	146	139213	36.055	ng		95
15) Benzyl Alcohol	9.02	79	61359	22.734	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.32	45	123252	50.206	ng		79
17) 2-Methylphenol	9.22	107	71787	27.640	ng		95
18) Hexachloroethane	9.92	117	42973	34.820	ng		83
19) n-Nitroso-di-n-propylamine	9.60	70	99545	40.541	ng	#	83
20) 3+4-Methylphenols	9.55	107	83663	22.665	ng		97
22) Acetophenone	9.63	105	221355	43.054	ng	#	87
24) Nitrobenzene	10.03	77	138350	45.805	ng	#	86
25) Isophorone	10.56	82	290513	46.049	ng	#	87
26) 2-Nitrophenol	10.76	139	4315	2.725	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	115586	34.685	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	176213	41.627	ng		94
29) 2,4-Dichlorophenol	11.30	162	104240	26.645	ng		89
30) 1,2,4-Trichlorobenzene	11.53	180	176885	37.031	ng		98
31) Naphthalene	11.73	128	440492	39.442	ng		99
33) 4-Chloroaniline	11.81	127	173802	34.955	ng	#	91
34) Hexachlorobutadiene	11.99	225	110536	33.707	ng		97
35) Caprolactam	12.54	113	6330	5.338	ng	#	22
36) 4-Chloro-3-methylphenol	12.88	107	111755	30.931	ng	#	81
37) 2-Methylnaphthalene	13.28	142	385896	42.623	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	264266	40.756	ng	#	95
40) Hexachlorocyclopentadiene	13.61	237	138804	40.578	ng		90
42) 2,4,6-Trichlorophenol	13.87	196	11877	3.177	ng		97

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Quant Time: Jan 02 00:22:34 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.93	196	33420	8.067	ng	#	92
45) 1,1'-Biphenyl	14.26	154	552299	42.006	ng		94
46) 2-Chloronaphthalene	14.31	162	410970	40.979	ng		94
47) 2-Nitroaniline	14.50	65	92678	53.507	ng	#	55
48) Acenaphthylene	15.15	152	645159	40.211	ng		99
49) Dimethylphthalate	14.85	163	572708	42.230	ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	127748	51.205	ng	#	66
51) Acenaphthene	15.49	154	397921	37.869	ng		97
52) 3-Nitroaniline	15.30	138	102887	42.270	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	158	7.768	ng	#	1
54) Dibenzofuran	15.81	168	684230	42.479	ng		98
56) 2,4-Dinitrotoluene	15.75	165	133603	41.647	ng	#	62
57) Fluorene	16.45	166	545021	41.652	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.03	232	3399	0.841	ng	#	63
59) Diethylphthalate	16.19	149	556065	42.068	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	329605	41.168	ng		92
61) 4-Nitroaniline	16.45	138	110912	46.695	ng		78
62) Azobenzene	16.73	77	360863	42.570	ng		83
65) n-Nitrosodiphenylamine	16.64	169	508298	39.364	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	239734	42.640	ng		94
67) Hexachlorobenzene	17.45	284	245481	42.712	ng	#	89
68) Atrazine	17.57	200	209479	41.720	ng		97
69) Pentachlorophenol	17.78	266	1205	0.305	ng	#	85
70) Phenanthrene	18.19	178	932640	42.387	ng		100
71) Anthracene	18.28	178	948835	42.749	ng		98
72) Carbazole	18.54	167	822383	41.862	ng		100
73) Di-n-butylphthalate	19.05	149	884146	40.498	ng		99
74) Fluoranthene	20.15	202	1134901	42.037	ng		96
76) Benzidine	20.31	184	731229	55.476	ng		98
77) Pyrene	20.51	202	1147763	42.075	ng		98
79) Butylbenzylphthalate	21.37	149	381519	41.663	ng	#	76
80) Benzo(a)anthracene	22.47	228	1149120	42.301	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	450210	42.745	ng	#	97
82) Chrysene	22.55	228	1063298	41.369	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	551146	41.543	ng	#	96
84) Di-n-octyl phthalate	23.72	149	942121	42.165	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1433685	43.479	ng	#	94
87) Benzo(b)fluoranthene	25.03	252	1193983	42.415	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1171846m	41.597	ng		
89) Benzo(a)pyrene	26.05	252	1165566	43.234	ng	#	98
90) Dibenzo(a,h)anthracene	30.64	278	1192577	42.831	ng	#	97
91) Benzo(g,h,i)perylene	30.56	276	1433685	43.612	ng	#	92

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

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