Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033362.D
Acq On : 27 Mar 2018 15:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/28/2018 4:57:56 PM

Quant Time: Mar 28 08:07:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	47590	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	207825	20.00	ng		-0.03
38) Acenaphthene-d10	15.49	164	151614	20.00	ng		-0.03
63) Phenanthrene-d10	18.21	188	374615	20.00	ng		-0.03
75) Chrysene-d12	22.57	240	388926	20.00	ng		-0.03
86) Perylene-d12	26.33	264	425292	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	213942	84.30	ng		-0.03
7) Phenol-d6	7.97	99	356606	81.78	ng		-0.03
23) Nitrobenzene-d5	10.07	82	359370	79.45	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	183253	80.81	ng		-0.03
44) 2-Fluorobiphenyl	14.11	172	857725	81.67	ng		-0.03
78) Terphenyl-d14	20.73	244	1384283	76.12	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	51283	39.789	ng	#	83
3) Pyridine	4.39	79	145812	40.925	ng		93
4) n-Nitrosodimethylamine	4.30	42	57758	39.502	ng	#	94
6) Aniline	8.16	93	206719	40.310	ng		96
8) 2-Chlorophenol	8.41	128	118756	40.930	ng		99
9) Benzaldehyde	7.97	77	94238	34.005	ng		96
10) Phenol	8.00	94	177013	41.114	ng		89
11) bis(2-Chloroethyl)ether	8.25	93	130577	37.157	ng		95
12) 1,3-Dichlorobenzene	8.75	146	147552	38.898	ng		94
13) 1,4-Dichlorobenzene	8.91	146	142459	37.499	ng		97
14) 1,2-Dichlorobenzene	9.23	146	143606	38.731	ng		92
15) Benzyl Alcohol	9.10	79	140877	41.032	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	212002	37.006	ng		88
17) 2-Methylphenol	9.30	107	114151m	38.920	ng		
18) Hexachloroethane	9.99	117	58365	39.806	ng		89
19) n-Nitroso-di-n-propylamine	9.67	70	124882	39.082	ng		98
20) 3+4-Methylphenols	9.63	107	176474	42.259	ng		91
22) Acetophenone	9.71	105	234065	41.109	ng	#	98
24) Nitrobenzene	10.12	77	187048	38.633	ng		98
25) Isophorone	10.63	82	348906	39.742	ng		96
26) 2-Nitrophenol	10.84	139	79508	43.375	ng	#	91
27) 2,4-Dimethylphenol	10.87	122	109690	41.192	ng		90
28) bis(2-Chloroethoxy)methane	11.11	93	173946	39.710	ng		98
29) 2,4-Dichlorophenol	11.38	162	129801	39.636	ng		93
30) 1,2,4-Trichlorobenzene	11.60	180	172193	40.470	ng		97
31) Naphthalene	11.80	128	422879	39.266	ng		98
32) Benzoic acid	11.00	122	89646	36.214	ng		93
33) 4-Chloroaniline	11.90	127	190810	39.546	ng		93
34) Hexachlorobutadiene	12.06	225	131802	40.963	ng		94
35) Caprolactam	12.65	113	49413	38.515	ng		93
36) 4-Chloro-3-methylphenol	12.96	107	173769	40.684	ng		96
37) 2-Methylnaphthalene	13.35	142	325176	38.901	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	227440	41.414	ng		99
40) Hexachlorocyclopentadiene	13.68	237	135396	42.055	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	136045	42.637	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	164788	43.693	ng		97
45) 1,1'-Biphenyl	14.33	154	472803	40.590	ng		98
46) 2-Chloronaphthalene	14.38	162	370385	41.240	ng		98
47) 2-Nitroaniline	14.57	65	134631	40.021	ng		96
48) Acenaphthylene	15.22	152	593998	39.622	ng		99
49) Dimethylphthalate	14.91	163	525009	39.790	ng		99
50) 2,6-Dinitrotoluene	15.04	165	108496	40.215	ng		96
51) Acenaphthene	15.55	154	398676	41.253	ng		97
52) 3-Nitroaniline	15.38	138	109286	38.638	ng	#	92
53) 2,4-Dinitrophenol	15.58	184	63127	48.509	ng	#	82
54) Dibenzofuran	15.88	168	557001	39.019	ng		92
55) 4-Nitrophenol	15.66	139	73037	36.722	ng		86
56) 2,4-Dinitrotoluene	15.82	165	154299	38.843	ng		90
57) Fluorene	16.52	166	467354	38.429	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	143663	40.462	ng		99
59) Diethylphthalate	16.25	149	502990	39.259	ng		96
60) 4-Chlorophenyl-phenylether	16.50	204	277119	39.640	ng		95
61) 4-Nitroaniline	16.53	138	113068	39.475	ng		88
62) Azobenzene	16.79	77	472528	38.073	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	84210	37.576	ng		87
65) n-Nitrosodiphenylamine	16.71	169	428196	40.038	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	180922	41.123	ng		96
67) Hexachlorobenzene	17.52	284	192359	41.429	ng		95
68) Atrazine	17.62	200	174079	40.168	ng		97
69) Pentachlorophenol	17.85	266	129146	40.525	ng		96
70) Phenanthrene	18.26	178	761847	39.049	ng		98
71) Anthracene	18.35	178	779647	39.467	ng		99
72) Carbazole	18.61	167	697032	39.819	ng		98
73) Di-n-butylphthalate	19.10	149	831556	40.812	ng	#	98
74) Fluoranthene	20.21	202	939440	38.911	ng		97
76) Benzidine	20.37	184	414433	39.294	ng		98
77) Pyrene	20.57	202	976426	37.643	ng		99
79) Butylbenzylphthalate	21.42	149	372876	38.954	ng		95
80) Benzo(a)anthracene	22.54	228	957680	38.670	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	370657	42.060	ng		96
82) Chrysene	22.62	228	929772	38.785	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	540678	40.975	ng		97
84) Di-n-octyl phthalate	23.75	149	858951	42.515	ng		97
85) Indeno(1,2,3-cd)pyrene	30.70	276	1110410	42.842	ng	#	85
87) Benzo(b)fluoranthene	25.12	252	953032	38.787	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	949124	38.193	ng	#	97
89) Benzo(a)pyrene	26.15	252	926481	39.264	ng	#	96
90) Dibenzo(a,h)anthracene	30.77	278	919031	41.348	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	886996	40.300	ng	#	93

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

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