Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033828.D
Acq On : 16 Apr 2018 23:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/17/2018 5:20:52 PM

Quant Time: Apr 17 04:52:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34561	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	171789	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	130687	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	344111	20.00	ng		0.00
75) Chrysene-d12	22.55	240	358736	20.00	ng		0.00
86) Perylene-d12	26.32	264	396460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	137226	74.45	ng		0.00
7) Phenol-d6	7.98	99	239945	75.77	ng		0.00
23) Nitrobenzene-d5	10.06	82	297000	79.43	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	150346	76.92	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	716292	79.13	ng		0.00
78) Terphenyl-d14	20.72	244	1277216	76.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	38422	41.049	ng		90
3) Pyridine	4.39	79	96601	37.334	ng		98
4) n-Nitrosodimethylamine	4.32	42	36864m	34.717	ng		
6) Aniline	8.15	93	137665	36.965	ng	#	90
8) 2-Chlorophenol	8.40	128	83370	39.566	ng		84
9) Benzaldehyde	7.97	77	56074m	27.862	ng		
10) Phenol	8.02	94	108956	34.847	ng	#	77
11) bis(2-Chloroethyl)ether	8.25	93	103211	40.441	ng		82
12) 1,3-Dichlorobenzene	8.73	146	116960	42.457	ng		96
13) 1,4-Dichlorobenzene	8.89	146	110690	40.121	ng		96
14) 1,2-Dichlorobenzene	9.22	146	110955	41.206	ng		97
15) Benzyl Alcohol	9.11	79	92914	37.264	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.37	45	201712	48.483	ng		79
17) 2-Methylphenol	9.32	107	79672m	37.405	ng		
18) Hexachloroethane	9.96	117	48476	45.525	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	104812	45.166	ng		95
20) 3+4-Methylphenols	9.66	107	112234	37.008	ng		94
22) Acetophenone	9.70	105	173546	36.874	ng	#	91
24) Nitrobenzene	10.11	77	144991	36.228	ng	#	89
25) Isophorone	10.61	82	295965	40.783	ng		98
26) 2-Nitrophenol	10.83	139	58464	38.585	ng		95
27) 2,4-Dimethylphenol	10.87	122	78733	35.769	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	122717	33.892	ng	#	91
29) 2,4-Dichlorophenol	11.38	162	94761	35.006	ng		95
30) 1,2,4-Trichlorobenzene	11.58	180	132199	37.588	ng		99
31) Naphthalene	11.78	128	374041	42.017	ng		97
32) Benzoic acid	11.01	122	45238m	22.108	ng		
33) 4-Chloroaniline	11.91	127	132462	33.212	ng	#	89
34) Hexachlorobutadiene	12.04	225	99009	37.226	ng		93
35) Caprolactam	12.65	113	38275	36.092	ng		97
36) 4-Chloro-3-methylphenol	12.98	107	133340	37.767	ng	#	84
37) 2-Methylnaphthalene	13.34	142	254415	36.821	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	167248	35.330	ng		95
40) Hexachlorocyclopentadiene	13.66	237	80784	29.110	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	96054	34.924	ng		91
43) 2,4,5-Trichlorophenol	14.02	196	125727	38.674	ng		96
45) 1,1'-Biphenyl	14.31	154	394738	39.315	ng		93
46) 2-Chloronaphthalene	14.37	162	301009	38.882	ng		93
47) 2-Nitroaniline	14.58	65	114983	39.654	ng		87
48) Acenaphthylene	15.20	152	521142	40.329	ng		99
49) Dimethylphthalate	14.90	163	450747	39.632	ng		99
50) 2,6-Dinitrotoluene	15.04	165	93959	40.403	ng		96
51) Acenaphthene	15.53	154	326620	39.209	ng		93
52) 3-Nitroaniline	15.39	138	88761	36.406	ng	#	93
53) 2,4-Dinitrophenol	15.60	184	24735	26.220	ng	#	85
54) Dibenzofuran	15.87	168	475911	38.677	ng		92
55) 4-Nitrophenol	15.71	139	47814	27.890	ng	#	80
56) 2,4-Dinitrotoluene	15.82	165	140971	41.170	ng		94
57) Fluorene	16.51	166	412632	39.363	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.08	232	126848	41.447	ng		92
59) Diethylphthalate	16.23	149	460490	41.697	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	224512	37.257	ng		96
61) 4-Nitroaniline	16.56	138	81959	33.196	ng	#	83
62) Azobenzene	16.78	77	438994	41.035	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	75315	36.586	ng		90
65) n-Nitrosodiphenylamine	16.70	169	378803	38.559	ng		94
66) 4-Bromophenyl-phenylether	17.37	248	150279	37.186	ng	#	88
67) Hexachlorobenzene	17.50	284	160859	37.716	ng		92
68) Atrazine	17.62	200	144915	36.403	ng		95
69) Pentachlorophenol	17.85	266	93452	31.924	ng		93
70) Phenanthrene	18.25	178	688181	38.400	ng		99
71) Anthracene	18.34	178	709387	39.094	ng		99
72) Carbazole	18.60	167	651249	40.501	ng		98
73) Di-n-butylphthalate	19.08	149	790681	42.246	ng	#	98
74) Fluoranthene	20.20	202	881549	39.750	ng		97
76) Benzidine	20.37	184	241296	24.803	ng		97
77) Pyrene	20.56	202	921015	38.495	ng		99
79) Butylbenzylphthalate	21.41	149	361060	40.894	ng		99
80) Benzo(a)anthracene	22.53	228	874637	38.289	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	312406	38.433	ng		99
82) Chrysene	22.61	228	853483	38.598	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	518816	42.627	ng		97
84) Di-n-octyl phthalate	23.73	149	834303	44.770	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	986676	41.271	ng	#	80
87) Benzo(b)fluoranthene	25.10	252	851121	37.158	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	885918	38.242	ng	#	98
89) Benzo(a)pyrene	26.14	252	843156	38.331	ng	#	96
90) Dibenzo(a,h)anthracene	30.76	278	808946	39.042	ng		98
91) Benzo(g,h,i)perylene	32.07	276	803823	39.177	ng	#	94

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

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