Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033387.D
Acq On : 28 Mar 2018 15:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:37 PM

Quant Time: Mar 28 18:37:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	41949	20.00	ng		0.00
21) Naphthalene-d8	11.76	136	172417	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	127197	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	322917	20.00	ng		0.00
75) Chrysene-d12	22.56	240	326887	20.00	ng		0.00
86) Perylene-d12	26.33	264	361160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	176600	78.94	ng		0.00
7) Phenol-d6	7.98	99	294897	76.72	ng		0.00
23) Nitrobenzene-d5	10.08	82	295584	78.76	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	148651	78.14	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	700266	79.48	ng		0.00
78) Terphenyl-d14	20.74	244	1156300	75.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	44015	38.742	ng		88
3) Pyridine	4.40	79	125827	40.065	ng		93
4) n-Nitrosodimethylamine	4.31	42	46031	35.715	ng	#	86
6) Aniline	8.17	93	171930	38.035	ng		96
8) 2-Chlorophenol	8.42	128	94236	36.846	ng		95
9) Benzaldehyde	7.98	77	80993m	33.156	ng		
10) Phenol	8.01	94	141964	37.407	ng		89
11) bis(2-Chloroethyl)ether	8.26	93	108403	34.995	ng		95
12) 1,3-Dichlorobenzene	8.75	146	121372	36.299	ng		94
13) 1,4-Dichlorobenzene	8.91	146	122872	36.693	ng		89
14) 1,2-Dichlorobenzene	9.24	146	119483	36.558	ng		96
15) Benzyl Alcohol	9.11	79	116775	38.585	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	180616	35.767	ng		87
17) 2-Methylphenol	9.31	107	99625m	38.535	ng		
18) Hexachloroethane	9.99	117	50156	38.807	ng		92
19) n-Nitroso-di-n-propylamine	9.68	70	101961	36.200	ng		95
20) 3+4-Methylphenols	9.64	107	140804	38.252	ng		88
22) Acetophenone	9.71	105	186493	39.481	ng	#	98
24) Nitrobenzene	10.12	77	160971	40.074	ng		92
25) Isophorone	10.64	82	287206	39.432	ng		97
26) 2-Nitrophenol	10.84	139	63775	41.937	ng	#	90
27) 2,4-Dimethylphenol	10.88	122	88495	40.058	ng		89
28) bis(2-Chloroethoxy)methane	11.12	93	139547	38.399	ng		97
29) 2,4-Dichlorophenol	11.39	162	110530	40.683	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	140447	39.788	ng		98
31) Naphthalene	11.80	128	350664	39.247	ng		99
32) Benzoic acid	10.99	122	77031	37.509	ng		94
33) 4-Chloroaniline	11.90	127	155233	38.780	ng		95
34) Hexachlorobutadiene	12.06	225	107548	40.290	ng		95
35) Caprolactam	12.64	113	41691	39.170	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	137976	38.938	ng		96
37) 2-Methylnaphthalene	13.36	142	267221	38.533	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	187586	40.714	ng		98
40) Hexachlorocyclopentadiene	13.68	237	103791	38.427	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	110140	41.144	ng		99
43) 2,4,5-Trichlorophenol	14.01	196	137734	43.530	ng		97
45) 1,1'-Biphenyl	14.33	154	391060	40.017	ng		98
46) 2-Chloronaphthalene	14.38	162	297205	39.444	ng		98
47) 2-Nitroaniline	14.58	65	111688	39.574	ng		96
48) Acenaphthylene	15.22	152	491772	39.100	ng		99
49) Dimethylphthalate	14.91	163	436943	39.472	ng		99
50) 2,6-Dinitrotoluene	15.05	165	91714	40.520	ng		96
51) Acenaphthene	15.55	154	321879	39.700	ng		96
52) 3-Nitroaniline	15.38	138	90848	38.284	ng	#	95
53) 2,4-Dinitrophenol	15.58	184	43906	41.522	ng		88
54) Dibenzofuran	15.88	168	460847	38.480	ng	#	90
55) 4-Nitrophenol	15.66	139	61604	36.919	ng	#	85
56) 2,4-Dinitrotoluene	15.82	165	131838	39.559	ng		93
57) Fluorene	16.52	166	396220	38.834	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	121347	40.738	ng	#	98
59) Diethylphthalate	16.25	149	428500	39.865	ng		97
60) 4-Chlorophenyl-phenylether	16.50	204	232212	39.593	ng		97
61) 4-Nitroaniline	16.53	138	94876	39.482	ng	#	84
62) Azobenzene	16.79	77	399473	38.365	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	66143	34.239	ng		96
65) n-Nitrosodiphenylamine	16.71	169	359240	38.968	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	149313	39.372	ng		93
67) Hexachlorobenzene	17.52	284	158409	39.579	ng		94
68) Atrazine	17.63	200	144515	38.685	ng		98
69) Pentachlorophenol	17.85	266	103502	37.678	ng		97
70) Phenanthrene	18.26	178	640473	38.084	ng		99
71) Anthracene	18.35	178	652409	38.314	ng		99
72) Carbazole	18.61	167	574641	38.083	ng		99
73) Di-n-butylphthalate	19.10	149	691422	39.367	ng	#	98
74) Fluoranthene	20.21	202	780572	37.507	ng		97
76) Benzidine	20.37	184	325032	36.666	ng		99
77) Pyrene	20.57	202	816752	37.463	ng		99
79) Butylbenzylphthalate	21.43	149	317214	39.429	ng		93
80) Benzo(a)anthracene	22.54	228	787533	37.835	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	305112	41.193	ng		97
82) Chrysene	22.62	228	776595	38.543	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	447680	40.367	ng		98
84) Di-n-octyl phthalate	23.76	149	720668	42.440	ng		97
85) Indeno(1,2,3-cd)pyrene	30.72	276	889951	40.852	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	771106	36.955	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	775798	36.762	ng	#	98
89) Benzo(a)pyrene	26.15	252	762006	38.028	ng	#	96
90) Dibenzo(a,h)anthracene	30.78	278	727921	38.565	ng	#	95
91) Benzo(g,h,i)perylene	32.09	276	716171	38.317	ng	#	95

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

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