Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036028.D
Acq On : 1 Aug 2018 11:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:36 AM

Quant Time: Aug 01 12:43:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36558	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	147257	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	106169	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	290138	20.00	ng		0.00
75) Chrysene-d12	21.65	240	320635	20.00	ng		0.00
86) Perylene-d12	24.85	264	313239	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	164322	74.62	ng		0.00
7) Phenol-d6	7.19	99	252462	76.85	ng		0.00
23) Nitrobenzene-d5	9.19	82	271859	77.12	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	117801	84.18	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	636085	80.27	ng		0.00
78) Terphenyl-d14	19.99	244	1119214	76.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39593	35.328	ng	#	72
3) Pyridine	3.92	79	108111	36.951	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	42396	33.748	ng	#	80
6) Aniline	7.35	93	154833	36.361	ng		99
8) 2-Chlorophenol	7.59	128	88275	39.417	ng		95
9) Benzaldehyde	7.17	77	70841	35.143	ng		96
10) Phenol	7.22	94	128608	38.747	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	98825	38.019	ng		90
12) 1,3-Dichlorobenzene	7.91	146	108361	40.068	ng		96
13) 1,4-Dichlorobenzene	8.06	146	109682	39.916	ng		97
14) 1,2-Dichlorobenzene	8.38	146	106191	40.228	ng		97
15) Benzyl Alcohol	8.26	79	108416	36.340	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	75702	34.738	ng		81
17) 2-Methylphenol	8.46	107	86297	38.240	ng	#	93
18) Hexachloroethane	9.10	117	39591	37.683	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	99880	36.103	ng	#	84
20) 3+4-Methylphenols	8.79	107	122781	39.219	ng		92
22) Acetophenone	8.85	105	176540	38.552	ng	#	88
24) Nitrobenzene	9.23	77	136013	38.367	ng		95
25) Isophorone	9.74	82	242807	37.106	ng		99
26) 2-Nitrophenol	9.94	139	54439	43.238	ng	#	85
27) 2,4-Dimethylphenol	9.99	122	85009	39.888	ng		87
28) bis(2-Chloroethoxy)methane	10.23	93	139168	38.596	ng		97
29) 2,4-Dichlorophenol	10.48	162	102539	42.148	ng		91
30) 1,2,4-Trichlorobenzene	10.68	180	125491	42.066	ng		97
31) Naphthalene	10.88	128	301447	39.298	ng		97
32) Benzoic acid	10.17	122	45026m	31.383	ng		
33) 4-Chloroaniline	10.98	127	129978	38.878	ng	#	93
34) Hexachlorobutadiene	11.15	225	99354	42.710	ng		96
35) Caprolactam	11.77	113	38350	36.733	ng	#	62
36) 4-Chloro-3-methylphenol	12.11	107	128879	39.522	ng		96
37) 2-Methylnaphthalene	12.48	142	226528	39.639	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	163038	40.686	ng		99
40) Hexachlorocyclopentadiene	12.82	237	81588	38.823	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	96804	41.309	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	105630	40.293	ng		94
45) 1,1'-Biphenyl	13.48	154	331574	40.283	ng		98
46) 2-Chloronaphthalene	13.53	162	254331	39.723	ng		99
47) 2-Nitroaniline	13.73	65	85623	37.827	ng		86
48) Acenaphthylene	14.37	152	426054	39.725	ng		99
49) Dimethylphthalate	14.10	163	366814	39.434	ng		98
50) 2,6-Dinitrotoluene	14.22	165	80779	42.645	ng		95
51) Acenaphthene	14.71	154	263723	39.473	ng		99
52) 3-Nitroaniline	14.56	138	75815	39.160	ng	#	86
53) 2,4-Dinitrophenol	14.76	184	34158	38.764	ng	#	64
54) Dibenzofuran	15.04	168	422621	39.775	ng		95
55) 4-Nitrophenol	14.87	139	45332	32.879	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	113876	41.904	ng		95
57) Fluorene	15.69	166	350674	39.377	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	99663	39.650	ng		95
59) Diethylphthalate	15.46	149	372309	38.925	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	213229	40.737	ng		97
61) 4-Nitroaniline	15.72	138	80146	39.575	ng	#	82
62) Azobenzene	15.98	77	347347	36.816	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	68494	42.409	ng		87
65) n-Nitrosodiphenylamine	15.90	169	330530	40.023	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	138621	41.182	ng		92
67) Hexachlorobenzene	16.70	284	146093	42.145	ng		94
68) Atrazine	16.85	200	121507	35.735	ng		98
69) Pentachlorophenol	17.05	266	77072	36.503	ng		98
70) Phenanthrene	17.43	178	565425	39.056	ng		98
71) Anthracene	17.52	178	575874	39.948	ng		97
72) Carbazole	17.79	167	526712	38.474	ng		98
73) Di-n-butylphthalate	18.34	149	616520	38.109	ng	#	98
74) Fluoranthene	19.44	202	743419	38.122	ng		97
76) Benzidine	19.62	184	322694	38.281	ng		98
77) Pyrene	19.80	202	765038	37.735	ng		97
79) Butylbenzylphthalate	20.68	149	287151	39.606	ng		94
80) Benzo(a)anthracene	21.63	228	769578	38.515	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	278633	39.993	ng	#	99
82) Chrysene	21.70	228	707013	38.184	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	398665	40.447	ng	#	99
84) Di-n-octyl phthalate	22.73	149	674346	40.861	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	806756	39.354	ng	#	79
87) Benzo(b)fluoranthene	23.84	252	728849	38.283	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	727522	39.087	ng	#	95
89) Benzo(a)pyrene	24.70	252	692121	39.076	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	684843	39.384	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	666673	39.180	ng	#	93

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

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