Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038692.D
Acq On : 18 Dec 2018 13:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:18 PM

Quant Time: Dec 19 07:11:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21628	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	89649	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	60196	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	154632	20.00	ng		0.00
76) Chrysene-d12	21.72	240	154651	20.00	ng		0.00
87) Perylene-d12	25.02	264	167795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	91896	75.36	ng		0.00
7) Phenol-d6	7.21	99	128378	76.69	ng		0.00
23) Nitrobenzene-d5	9.23	82	127452	72.63	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	66334	79.96	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	324252	73.90	ng		0.00
79) Terphenyl-d14	20.04	244	540199	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19317	34.037	ng		99
3) Pyridine	3.90	79	50409	32.261	ng		88
4) n-Nitrosodimethylamine	3.82	42	29407	38.410	ng		85
6) Aniline	7.38	93	77871	36.440	ng		97
8) 2-Chlorophenol	7.62	128	52487	37.195	ng		95
9) Benzaldehyde	7.20	77	37587	34.612	ng		93
10) Phenol	7.24	94	67068	37.711	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	50187	35.444	ng		95
12) 1,3-Dichlorobenzene	7.94	146	62003	37.161	ng		98
13) 1,4-Dichlorobenzene	8.09	146	62602	36.635	ng		97
14) 1,2-Dichlorobenzene	8.41	146	59743	37.085	ng		99
15) Benzyl Alcohol	8.30	79	50099	38.342	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	110601	34.099	ng		100
17) 2-Methylphenol	8.49	107	44989	37.757	ng		98
18) Hexachloroethane	9.14	117	22713	36.374	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	41756	35.515	ng	#	95
20) 3+4-Methylphenols	8.82	107	62992	38.279	ng		98
22) Acetophenone	8.89	105	83446	37.265	ng	#	97
24) Nitrobenzene	9.27	77	64506	36.337	ng		97
25) Isophorone	9.79	82	103121	32.707	ng		98
26) 2-Nitrophenol	9.99	139	33418	36.780	ng		96
27) 2,4-Dimethylphenol	10.03	122	47996	36.858	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	63707	35.805	ng		97
29) 2,4-Dichlorophenol	10.52	162	58127	40.125	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	67006	38.293	ng		95
31) Naphthalene	10.93	128	164925	37.338	ng		98
32) Benzoic acid	10.19	122	27375m	36.253	ng		
33) 4-Chloroaniline	11.04	127	75552	39.397	ng		98
34) Hexachlorobutadiene	11.18	225	44778	37.819	ng		93
35) Caprolactam	11.83	113	21849	36.445	ng	#	81
36) 4-Chloro-3-methylphenol	12.15	107	62115	37.574	ng		95
37) 2-Methylnaphthalene	12.52	142	119398	37.890	ng		99
38) 1-Methylnaphthalene	12.75	142	116356	38.051	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84450	37.532	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	46626	37.717	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	52451	37.912	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	57316	39.128	ng		96
46) 1,1'-Biphenyl	13.53	154	182037	36.073	ng		99
47) 2-Chloronaphthalene	13.58	162	143924	36.922	ng		97
48) 2-Nitroaniline	13.79	65	47204	38.018	ng		96
49) Acenaphthylene	14.42	152	214533	36.814	ng		98
50) Dimethylphthalate	14.15	163	179318	36.478	ng		98
51) 2,6-Dinitrotoluene	14.27	165	41295	37.069	ng		99
52) Acenaphthene	14.76	154	127496	36.588	ng		99
53) 3-Nitroaniline	14.62	138	43756	38.531	ng		93
54) 2,4-Dinitrophenol	14.82	184	25930	41.767	ng		96
55) Dibenzofuran	15.09	168	219461	36.741	ng		99
56) 4-Nitrophenol	14.91	139	29500	34.243	ng		99
57) 2,4-Dinitrotoluene	15.06	165	58859	37.513	ng		98
58) Fluorene	15.74	166	167867	37.933	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	50787	38.537	ng		100
60) Diethylphthalate	15.50	149	193266	35.813	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	105641	38.260	ng		100
62) 4-Nitroaniline	15.78	138	45238	38.694	ng		92
63) Azobenzene	16.02	77	164475	36.484	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	35324m	32.023	ng		
66) n-Nitrosodiphenylamine	15.94	169	163911	36.077	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	67958	35.985	ng		93
68) Hexachlorobenzene	16.74	284	71921	36.739	ng		99
69) Atrazine	16.88	200	62923	37.318	ng		97
70) Pentachlorophenol	17.09	266	39546	34.153	ng		97
71) Phenanthrene	17.48	178	293275	36.574	ng		99
72) Anthracene	17.58	178	293935	37.131	ng		99
73) Carbazole	17.85	167	290021	37.045	ng		100
74) Di-n-butylphthalate	18.38	149	323797	36.044	ng		99
75) Fluoranthene	19.49	202	360447	36.331	ng		97
77) Benzidine	19.67	184	156098	34.130	ng		99
78) Pyrene	19.86	202	367346	35.955	ng		100
80) Butylbenzylphthalate	20.72	149	145998	36.577	ng		97
81) Benzo(a)anthracene	21.70	228	355865	37.763	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	141486	37.856	ng		99
83) Chrysene	21.77	228	336793	37.105	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	207184	36.598	ng	#	98
85) Di-n-octyl phthalate	22.79	149	345354	36.426	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	389454	36.496	ng	#	80
88) Benzo(b)fluoranthene	23.96	252	350970	38.097	ng		99
89) Benzo(k)fluoranthene	24.03	252	338496	36.898	ng		99
90) Benzo(a)pyrene	24.86	252	336045	37.810	ng		97
91) Dibenzo(a,h)anthracene	28.86	278	325803	36.817	ng		98
92) Benzo(g,h,i)perylene	29.99	276	318834	36.559	ng		96

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

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