Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038185.D
Acq On : 28 Nov 2018 4:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:46 PM

Quant Time: Nov 28 05:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42154	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	189624	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	115499	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	260950	20.00	ng		0.00
76) Chrysene-d12	21.76	240	236401	20.00	ng		0.00
87) Perylene-d12	25.09	264	250565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	202344	82.88	ng		0.00
7) Phenol-d6	7.24	99	296581	85.10	ng		0.00
23) Nitrobenzene-d5	9.26	82	299703	84.61	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	106657	80.97	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	646226	81.51	ng		0.00
79) Terphenyl-d14	20.07	244	852739	84.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43401	37.635	ng		96
3) Pyridine	3.92	79	124177	37.748	ng		95
4) n-Nitrosodimethylamine	3.85	42	55265	46.306	ng		94
6) Aniline	7.41	93	186421	41.445	ng		97
8) 2-Chlorophenol	7.65	128	117989	41.649	ng		98
9) Benzaldehyde	7.23	77	95072	37.722	ng		97
10) Phenol	7.27	94	154563	41.870	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	126280	41.902	ng		99
12) 1,3-Dichlorobenzene	7.97	146	133284	40.839	ng		95
13) 1,4-Dichlorobenzene	8.12	146	133697	40.554	ng		99
14) 1,2-Dichlorobenzene	8.44	146	127445	40.490	ng		98
15) Benzyl Alcohol	8.33	79	114767	45.510	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.61	45	262183	46.851	ng		98
17) 2-Methylphenol	8.52	107	107493	43.071	ng		97
18) Hexachloroethane	9.17	117	50825	42.360	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	106652	42.293	ng		98
20) 3+4-Methylphenols	8.85	107	151106	42.710	ng		96
22) Acetophenone	8.92	105	189460	40.157	ng	#	97
24) Nitrobenzene	9.31	77	152667	42.130	ng		95
25) Isophorone	9.82	82	254926	39.983	ng		98
26) 2-Nitrophenol	10.02	139	75656	41.821	ng		91
27) 2,4-Dimethylphenol	10.06	122	111594	40.942	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	165875	40.685	ng		95
29) 2,4-Dichlorophenol	10.55	162	127140	41.470	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	138330	40.264	ng		99
31) Naphthalene	10.96	128	377225	40.446	ng		100
32) Benzoic acid	10.19	122	64777m	39.759	ng		
33) 4-Chloroaniline	11.07	127	175324	40.412	ng		98
34) Hexachlorobutadiene	11.22	225	85587	40.478	ng		95
35) Caprolactam	11.87	113	50167	40.881	ng		92
36) 4-Chloro-3-methylphenol	12.18	107	140399	41.917	ng		97
37) 2-Methylnaphthalene	12.55	142	264470	39.477	ng		98
38) 1-Methylnaphthalene	12.77	142	257191	39.883	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	158588	41.091	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	77726	37.610	ng		95
43) 2,4,6-Trichlorophenol	13.15	196	107421	40.845	ng		96
44) 2,4,5-Trichlorophenol	13.23	196	110769	40.029	ng		97
46) 1,1'-Biphenyl	13.56	154	396396	40.852	ng		99
47) 2-Chloronaphthalene	13.61	162	299488	40.448	ng		100
48) 2-Nitroaniline	13.82	65	104906	45.017	ng		96
49) Acenaphthylene	14.45	152	455804	40.936	ng		98
50) Dimethylphthalate	14.18	163	372061	40.634	ng		98
51) 2,6-Dinitrotoluene	14.30	165	84928	40.981	ng		96
52) Acenaphthene	14.79	154	273132	40.746	ng		98
53) 3-Nitroaniline	14.64	138	94050	41.128	ng	#	99
54) 2,4-Dinitrophenol	14.84	184	27240	30.813	ng		93
55) Dibenzofuran	15.12	168	441561	39.837	ng		97
56) 4-Nitrophenol	14.93	139	60707	34.421	ng		94
57) 2,4-Dinitrotoluene	15.09	165	119410	42.350	ng		96
58) Fluorene	15.77	166	332726	40.233	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	95436	41.216	ng		97
60) Diethylphthalate	15.53	149	396047	40.722	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	193218	39.928	ng		99
62) 4-Nitroaniline	15.80	138	94353	41.534	ng		95
63) Azobenzene	16.05	77	368872	42.420	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	53367	32.334	ng		91
66) n-Nitrosodiphenylamine	15.97	169	328486	41.610	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	119715	41.798	ng		98
68) Hexachlorobenzene	16.77	284	121344	41.045	ng		96
69) Atrazine	16.91	200	118790	40.819	ng		98
70) Pentachlorophenol	17.11	266	74745	37.226	ng		95
71) Phenanthrene	17.51	178	546017	40.869	ng		99
72) Anthracene	17.61	178	548561	41.653	ng		99
73) Carbazole	17.88	167	552350	41.803	ng		99
74) Di-n-butylphthalate	18.41	149	641319	43.238	ng		99
75) Fluoranthene	19.52	202	634780	41.644	ng		99
77) Benzidine	19.70	184	308087	37.141	ng		99
78) Pyrene	19.89	202	654859	42.369	ng		98
80) Butylbenzylphthalate	20.75	149	293954	43.490	ng		99
81) Benzo(a)anthracene	21.74	228	602156	42.150	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	229837	41.301	ng		98
83) Chrysene	21.81	228	569645	41.676	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	412176	42.760	ng		100
85) Di-n-octyl phthalate	22.85	149	687210	44.068	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	600743	39.572	ng	#	90
88) Benzo(b)fluoranthene	24.02	252	577887	41.910	ng		100
89) Benzo(k)fluoranthene	24.09	252	582442	42.808	ng		99
90) Benzo(a)pyrene	24.92	252	564647	42.849	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	486267	38.352	ng		99
92) Benzo(g,h,i)perylene	30.10	276	479441	38.030	ng		100

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

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