Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
Data File : BG043297.D
Acq On : 21 Oct 2019 16:38
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG102119

Quant Time: Oct 21 17:17:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37186	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	146008	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	110508	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	257246	20.00	ng		0.00
76) Chrysene-d12	21.67	240	281802	20.00	ng		0.00
87) Perylene-d12	24.87	264	324016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	168111	82.84	ng		0.00
7) Phenol-d6	7.20	99	239896	82.16	ng		0.00
23) Nitrobenzene-d5	9.19	82	236862	83.63	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	175357	83.39	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	657171	82.17	ng		0.00
79) Terphenyl-d14	20.01	244	1273412	84.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	31309	39.591	ng		95
3) Pyridine	3.89	79	89310	44.770	ng		97
4) n-Nitrosodimethylamine	3.80	42	41348	41.076	ng	#	99
6) Aniline	7.35	93	137555	40.898	ng		95
8) 2-Chlorophenol	7.59	128	91497	40.845	ng		99
9) Benzaldehyde	7.17	77	58783	40.968	ng	#	81
10) Phenol	7.22	94	109583	41.073	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	81221	39.375	ng		97
12) 1,3-Dichlorobenzene	7.92	146	112173	39.966	ng		95
13) 1,4-Dichlorobenzene	8.06	146	115572	40.699	ng		99
14) 1,2-Dichlorobenzene	8.38	146	106767	38.507	ng		95
15) Benzyl Alcohol	8.27	79	84798	41.355	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	119755	39.926	ng		96
17) 2-Methylphenol	8.48	107	78190	40.201	ng		95
18) Hexachloroethane	9.11	117	40724	39.749	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	76590	40.596	ng		94
20) 3+4-Methylphenols	8.80	107	104138	39.046	ng		91
22) Acetophenone	8.85	105	157846	42.215	ng	#	97
24) Nitrobenzene	9.23	77	109375	40.541	ng		96
25) Isophorone	9.75	82	216675	41.846	ng		98
26) 2-Nitrophenol	9.94	139	54935	42.177	ng		97
27) 2,4-Dimethylphenol	10.01	122	77428	41.476	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	117495	41.114	ng		97
29) 2,4-Dichlorophenol	10.48	162	100367	41.961	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	124291	41.228	ng		96
31) Naphthalene	10.88	128	306772	41.393	ng		98
32) Benzoic acid	10.16	122	50864	38.005	ng		91
33) 4-Chloroaniline	10.99	127	127191	41.867	ng		99
34) Hexachlorobutadiene	11.17	225	90959	40.816	ng		95
35) Caprolactam	11.77	113	36290	44.053	ng	#	87
36) 4-Chloro-3-methylphenol	12.12	107	107667	41.266	ng		96
37) 2-Methylnaphthalene	12.49	142	237870	41.830	ng		98
38) 1-Methylnaphthalene	12.71	142	223879	41.378	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167810	41.032	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	84972	39.552	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	98203	40.774	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	103590	42.543	ng		99
46) 1,1'-Biphenyl	13.49	154	345690	41.120	ng		99
47) 2-Chloronaphthalene	13.53	162	260799	40.772	ng		100
48) 2-Nitroaniline	13.74	65	79558	41.614	ng		96
49) Acenaphthylene	14.38	152	414183	41.604	ng		97
50) Dimethylphthalate	14.11	163	355716	41.557	ng		99
51) 2,6-Dinitrotoluene	14.23	165	76264	41.012	ng		99
52) Acenaphthene	14.72	154	249715	41.132	ng		98
53) 3-Nitroaniline	14.56	138	76545	42.635	ng		93
54) 2,4-Dinitrophenol	14.77	184	42185	40.304	ng		91
55) Dibenzofuran	15.06	168	397677	40.393	ng		99
56) 4-Nitrophenol	14.89	139	49567	41.198	ng		91
57) 2,4-Dinitrotoluene	15.01	165	108375	40.780	ng		99
58) Fluorene	15.70	166	335178	40.591	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107981	41.740	ng	#	100
60) Diethylphthalate	15.47	149	352291	40.961	ng		96
61) 4-Chlorophenyl-phenylether	15.69	204	197962	41.096	ng		94
62) 4-Nitroaniline	15.73	138	79999	43.146	ng		94
63) Azobenzene	15.98	77	289618	41.608	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	64773	42.786	ng		94
66) n-Nitrosodiphenylamine	15.91	169	295283	40.657	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	141370	40.835	ng		99
68) Hexachlorobenzene	16.71	284	160621	40.419	ng		98
69) Atrazine	16.85	200	101019	40.029	ng		94
70) Pentachlorophenol	17.06	266	76842	42.437	ng		99
71) Phenanthrene	17.44	178	543635	41.269	ng		99
72) Anthracene	17.54	178	540267	40.992	ng		99
73) Carbazole	17.81	167	498982	41.807	ng		99
74) Di-n-butylphthalate	18.36	149	603351	41.663	ng		100
75) Fluoranthene	19.45	202	715610	41.670	ng		99
77) Benzidine	19.64	184	212826	37.526	ng		100
78) Pyrene	19.82	202	733678	42.061	ng		99
80) Butylbenzylphthalate	20.70	149	273387	41.369	ng		98
81) Benzo(a)anthracene	21.65	228	737523	41.782	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	285119	41.761	ng		100
83) Chrysene	21.72	228	731015	41.681	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	387678	41.297	ng		100
85) Di-n-octyl phthalate	22.76	149	656177	41.200	ng		99
86) Indeno(1,2,3-cd)pyrene	28.52	276	909300	41.303	ng		99
88) Benzo(b)fluoranthene	23.86	252	778594	42.427	ng		97
89) Benzo(k)fluoranthene	23.93	252	770390	41.701	ng		98
90) Benzo(a)pyrene	24.73	252	731584	41.747	ng		99
91) Dibenzo(a,h)anthracene	28.59	278	746182	41.629	ng		99
92) Benzo(g,h,i)perylene	29.66	276	736043	41.629	ng		100

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

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