Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
Data File : BG041782.D
Acq On : 27 Jul 2019 18:18
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG072719

Quant Time: Jul 29 12:54:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83940	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	354752	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	260533	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	591844	20.00	ng		0.00
76) Chrysene-d12	21.74	240	576459	20.00	ng		0.00
87) Perylene-d12	25.01	264	682190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	329907	76.47	ng		0.00
7) Phenol-d6	7.20	99	469541	80.73	ng		0.00
23) Nitrobenzene-d5	9.21	82	438906	85.14	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	259775	87.78	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1250116	84.63	ng		0.00
79) Terphenyl-d14	20.07	244	2026800	80.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	71599	35.260	ng		89
3) Pyridine	3.87	79	182024	32.688	ng		89
4) n-Nitrosodimethylamine	3.78	42	86336	39.111	ng		98
6) Aniline	7.36	93	320489	39.132	ng		96
8) 2-Chlorophenol	7.61	128	201824	40.853	ng		94
9) Benzaldehyde	7.17	77	177522	43.376	ng		91
10) Phenol	7.22	94	251566	41.574	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	195121	39.224	ng		93
12) 1,3-Dichlorobenzene	7.94	146	242756	37.649	ng		97
13) 1,4-Dichlorobenzene	8.08	146	243952	37.812	ng		98
14) 1,2-Dichlorobenzene	8.41	146	232970	37.843	ng		96
15) Benzyl Alcohol	8.28	79	189623	41.439	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329778	37.262	ng		95
17) 2-Methylphenol	8.48	107	180915	41.111	ng		98
18) Hexachloroethane	9.15	117	83263	37.686	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	172183	40.775	ng		92
20) 3+4-Methylphenols	8.81	107	250001	41.514	ng		99
22) Acetophenone	8.87	105	324692	40.919	ng	#	93
24) Nitrobenzene	9.25	77	233772	43.045	ng		98
25) Isophorone	9.78	82	472330	42.119	ng		99
26) 2-Nitrophenol	9.97	139	117787	46.731	ng		96
27) 2,4-Dimethylphenol	10.03	122	213446	47.981	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	281856	40.220	ng		99
29) 2,4-Dichlorophenol	10.51	162	235019	43.382	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	270323	39.350	ng		98
31) Naphthalene	10.92	128	677012	41.698	ng		98
32) Benzoic acid	10.16	122	111702	37.485	ng		92
33) 4-Chloroaniline	11.02	127	309783	40.234	ng		97
34) Hexachlorobutadiene	11.21	225	178965	38.599	ng		100
35) Caprolactam	11.78	113	82840	44.001	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	237643	44.247	ng		95
37) 2-Methylnaphthalene	12.53	142	549937	42.792	ng		98
38) 1-Methylnaphthalene	12.75	142	512948	42.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336488	40.801	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	218180	47.055 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	222349	42.658 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	240922	44.478 ng		97
46) 1,1'-Biphenyl	13.53	154	689748	41.184 ng		97
47) 2-Chloronaphthalene	13.58	162	571215	40.060 ng		97
48) 2-Nitroaniline	13.77	65	153650	42.487 ng		92
49) Acenaphthylene	14.42	152	914588	42.880 ng		97
50) Dimethylphthalate	14.15	163	741056	41.648 ng		99
51) 2,6-Dinitrotoluene	14.26	165	173562	46.649 ng		89
52) Acenaphthene	14.77	154	573942	41.373 ng		99
53) 3-Nitroaniline	14.59	138	166943	41.941 ng		90
54) 2,4-Dinitrophenol	14.80	184	85031	45.485 ng		92
55) Dibenzofuran	15.10	168	902761	42.546 ng		95
56) 4-Nitrophenol	14.89	139	139948	46.319 ng		93
57) 2,4-Dinitrotoluene	15.05	165	239662	46.840 ng		95
58) Fluorene	15.75	166	721750	42.386 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	237268	44.227 ng		93
60) Diethylphthalate	15.52	149	735439	42.100 ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	426599	41.037 ng		96
62) 4-Nitroaniline	15.76	138	189924	44.052 ng		96
63) Azobenzene	16.04	77	594801	41.682 ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	136510	47.251 ng		86
66) n-Nitrosodiphenylamine	15.96	169	675438	41.897 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	296628	40.688 ng		95
68) Hexachlorobenzene	16.76	284	299731	39.299 ng		93
69) Atrazine	16.91	200	245862	38.815 ng		99
70) Pentachlorophenol	17.10	266	194064	44.790 ng		98
71) Phenanthrene	17.49	178	1189370	41.925 ng		97
72) Anthracene	17.59	178	1215244	42.952 ng		96
73) Carbazole	17.85	167	1089061	42.886 ng		96
74) Di-n-butylphthalate	18.42	149	1222228	42.454 ng	#	96
75) Fluoranthene	19.50	202	1489651	43.200 ng		92
77) Benzidine	19.68	184	712900	37.889 ng		98
78) Pyrene	19.87	202	1480921	43.360 ng		93
80) Butylbenzylphthalate	20.76	149	556640	42.508 ng		91
81) Benzo(a)anthracene	21.72	228	1420489	41.649 ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	583472	42.610 ng	#	98
83) Chrysene	21.78	228	1373642	42.017 ng		95
84) Bis(2-ethylhexyl)phthalate	21.64	149	770455	42.653 ng		98
85) Di-n-octyl phthalate	22.88	149	1339557	44.065 ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1803572	41.674 ng	#	88
88) Benzo(b)fluoranthene	23.98	252	1564552	41.924 ng	#	96
89) Benzo(k)fluoranthene	24.05	252	1514536	41.663 ng	#	96
90) Benzo(a)pyrene	24.86	252	1538353	42.981 ng	#	95
91) Dibenzo(a,h)anthracene	28.83	278	1479493	42.098 ng	#	97
92) Benzo(g,h,i)perylene	29.93	276	1486100	42.325 ng	#	94

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

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