Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044980.D
Acq On : 15 Apr 2020 13:41
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Apr 15 14:58:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	79441	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	344964	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	256445	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	615536	20.00	ng		0.00
76) Chrysene-d12	21.67	240	573430	20.00	ng		0.00
87) Perylene-d12	24.86	264	633549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	202307	39.64	ng		0.00
7) Phenol-d6	7.18	99	297528	40.13	ng		0.00
23) Nitrobenzene-d5	9.18	82	301252	38.32	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	157202	46.82	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	739734	41.31	ng		0.00
79) Terphenyl-d14	20.01	244	1248605	40.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	43281	17.612	ng		99
3) Pyridine	3.89	79	133931	18.410	ng		100
4) n-Nitrosodimethylamine	3.80	42	41061	14.876	ng		99
6) Aniline	7.34	93	192432	20.857	ng		98
8) 2-Chlorophenol	7.59	128	108744	21.346	ng		97
9) Benzaldehyde	7.15	77	100895	23.320	ng		99
10) Phenol	7.21	94	147334	20.071	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	122031	20.830	ng		93
12) 1,3-Dichlorobenzene	7.92	146	128264	20.439	ng		98
13) 1,4-Dichlorobenzene	8.06	146	124885	20.130	ng		98
14) 1,2-Dichlorobenzene	8.38	146	124327	21.130	ng		96
15) Benzyl Alcohol	8.26	79	125410	21.081	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	119612	11.570	ng		98
17) 2-Methylphenol	8.46	107	114151	22.957	ng		94
18) Hexachloroethane	9.12	117	48044	19.670	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	107123	20.461	ng		99
20) 3+4-Methylphenols	8.79	107	161187	23.516	ng		95
22) Acetophenone	8.85	105	188404	19.278	ng	#	94
24) Nitrobenzene	9.22	77	155960	19.120	ng		98
25) Isophorone	9.75	82	318783	20.777	ng		98
26) 2-Nitrophenol	9.94	139	63837	24.000	ng		94
27) 2,4-Dimethylphenol	10.00	122	106153	21.246	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	168754	18.430	ng		99
29) 2,4-Dichlorophenol	10.48	162	122340	20.963	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	138831	19.895	ng		95
31) Naphthalene	10.88	128	380386	19.906	ng		98
32) Benzoic acid	10.11	122	63470	18.321	ng		93
33) 4-Chloroaniline	10.98	127	179581	20.859	ng		96
34) Hexachlorobutadiene	11.18	225	93206	20.311	ng		98
35) Caprolactam	11.74	113	46487	21.039	ng		94
36) 4-Chloro-3-methylphenol	12.11	107	145859	20.956	ng		98
37) 2-Methylnaphthalene	12.49	142	299173	20.929	ng		95
38) 1-Methylnaphthalene	12.70	142	283835	21.121	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	165096	19.548	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	96072	20.815	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	117315	20.931	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	133854	23.028	ng		98
46) 1,1'-Biphenyl	13.49	154	399076	19.474	ng		100
47) 2-Chloronaphthalene	13.53	162	303475	19.385	ng		99
48) 2-Nitroaniline	13.73	65	96173	17.547	ng		92
49) Acenaphthylene	14.38	152	498895	20.342	ng		97
50) Dimethylphthalate	14.11	163	437377	21.414	ng		99
51) 2,6-Dinitrotoluene	14.22	165	92493	22.466	ng		97
52) Acenaphthene	14.73	154	326477	20.326	ng		100
53) 3-Nitroaniline	14.55	138	104239	22.023	ng		93
54) 2,4-Dinitrophenol	14.75	184	49305	26.927	ng		98
55) Dibenzofuran	15.05	168	503010	21.595	ng		98
56) 4-Nitrophenol	14.86	139	79222	21.931	ng		98
57) 2,4-Dinitrotoluene	15.01	165	136372	24.152	ng	#	94
58) Fluorene	15.71	166	402370	21.000	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	118439	22.132	ng		99
60) Diethylphthalate	15.48	149	451511	21.195	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	231009	22.391	ng		98
62) 4-Nitroaniline	15.71	138	107581	21.315	ng		98
63) Azobenzene	15.99	77	416792	18.841	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	75376	28.277	ng		95
66) n-Nitrosodiphenylamine	15.91	169	367291	19.819	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	160050	20.799	ng		97
68) Hexachlorobenzene	16.72	284	167393	20.051	ng		98
69) Atrazine	16.86	200	143228	21.095	ng		97
70) Pentachlorophenol	17.06	266	97781	21.287	ng		97
71) Phenanthrene	17.45	178	673973	20.490	ng		97
72) Anthracene	17.54	178	674802	20.805	ng		100
73) Carbazole	17.80	167	662611	21.268	ng		96
74) Di-n-butylphthalate	18.37	149	784280	20.708	ng		100
75) Fluoranthene	19.45	202	838227	21.402	ng		97
77) Benzidine	19.62	184	373749	20.077	ng		97
78) Pyrene	19.81	202	844554	20.075	ng		97
80) Butylbenzylphthalate	20.71	149	339172	18.122	ng		96
81) Benzo(a)anthracene	21.65	228	792630	19.196	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	314539	19.691	ng		95
83) Chrysene	21.72	228	755575	19.156	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	469353	18.170	ng		98
85) Di-n-octyl phthalate	22.78	149	820014	18.971	ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	949730	18.367	ng	#	95
88) Benzo(b)fluoranthene	23.85	252	831436	19.879	ng		99
89) Benzo(k)fluoranthene	23.91	252	773544	19.543	ng		98
90) Benzo(a)pyrene	24.71	252	765791	19.567	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	759377	19.668	ng		99
92) Benzo(g,h,i)perylene	29.60	276	761567	19.523	ng		97

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

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