Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048130.D
Acq On : 10 Feb 2021 14:15
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Feb 10 16:44:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:05:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	46908	20.00	ng	#	0.00
21) Naphthalene-d8	10.918	136	186953	20.00	ng		0.00
39) Acenaphthene-d10	14.731	164	141367	20.00	ng		0.00
64) Phenanthrene-d10	17.469	188	355932	20.00	ng	#	0.00
76) Chrysene-d12	21.740	240	358296	20.00	ng	#	0.00
86) Perylene-d12	25.007	264	363326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	222069	72.76	ng		0.00
7) Phenol-d6	7.251	99	331684	71.47	ng		0.00
23) Nitrobenzene-d5	9.267	82	349083	73.88	ng		0.00
42) 2,4,6-Tribromophenol	16.211	330	179758	76.35	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	799073	73.08	ng		0.00
79) Terphenyl-d14	20.072	244	1487105	71.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.544	88	50617	37.20	ng		93
3) Pyridine	3.943	79	149666	36.65	ng		92
4) n-Nitrosodimethylamine	3.855	42	72659	38.50	ng	#	74
6) Aniline	7.428	93	197583	35.24	ng		98
8) 2-Chlorophenol	7.663	128	121758	38.11	ng		91
9) Benzaldehyde	7.234	77	113007	47.47	ng	#	82
10) Phenol	7.281	94	167100	37.56	ng		73
11) bis(2-Chloroethyl)ether	7.516	93	131491	37.74	ng		94
12) 1,3-Dichlorobenzene	7.992	146	136785	35.47	ng	#	92
13) 1,4-Dichlorobenzene	8.144	146	137905	35.67	ng		96
14) 1,2-Dichlorobenzene	8.462	146	129601	35.12	ng		95
15) Benzyl Alcohol	8.338	79	152201	38.76	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.626	45	169955	34.76	ng		97
17) 2-Methylphenol	8.538	107	112245	37.33	ng	#	88
18) Hexachloroethane	9.196	117	53854	35.71	ng		92
19) n-Nitroso-di-n-propyla...	8.908	70	129406	38.21	ng		95
20) 3+4-Methylphenols	8.867	107	156861	37.71	ng		88
22) Acetophenone	8.926	105	209609	36.38	ng	#	92
24) Nitrobenzene	9.308	77	186226	39.35	ng	#	83
25) Isophorone	9.831	82	355794	41.96	ng	#	92
26) 2-Nitrophenol	10.025	139	78005	40.06	ng	#	69
27) 2,4-Dimethylphenol	10.072	122	111002	39.24	ng		89
28) bis(2-Chloroethoxy)met...	10.312	93	169631	33.25	ng		94
29) 2,4-Dichlorophenol	10.559	162	143147	39.33	ng		97
30) 1,2,4-Trichlorobenzene	10.777	180	162425	36.91	ng		99
31) Naphthalene	10.970	128	405323	37.50	ng		99
32) Benzoic acid	10.201	122	81408	32.13	ng	#	78
33) 4-Chloroaniline	11.065	127	178299	36.09	ng	#	91
34) Hexachlorobutadiene	11.253	225	121449	38.86	ng		98
35) Caprolactam	11.840	113	49368	35.63	ng		94
36) 4-Chloro-3-methylphenol	12.175	107	157891	38.66	ng		88
37) 2-Methylnaphthalene	12.563	142	318772	39.04	ng	#	93
38) 1-Methylnaphthalene	12.780	142	300512	38.58	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	201699	37.43	ng		97
41) Hexachlorocyclopentadiene	12.909	237	129582	42.45	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	145672	38.76	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	156424	40.16	ng	#	94
46) 1,1'-Biphenyl	13.562	154	404359	37.00	ng		99
47) 2-Chloronaphthalene	13.609	162	347901	36.58	ng		98
48) 2-Nitroaniline	13.802	65	125708	36.42	ng	#	76
49) Acenaphthylene	14.455	152	533039	37.97	ng		98
50) Dimethylphthalate	14.179	163	469384	36.68	ng		99
51) 2,6-Dinitrotoluene	14.296	165	105115	39.52	ng	#	67
52) Acenaphthene	14.795	154	365144	38.43	ng		99
53) 3-Nitroaniline	14.625	138	104520	35.82	ng	#	75
54) 2,4-Dinitrophenol	14.825	184	73299	44.07	ng	#	74
55) Dibenzofuran	15.124	168	556428	38.61	ng		93
56) 4-Nitrophenol	14.919	139	88189	38.74	ng	#	60
57) 2,4-Dinitrotoluene	15.077	165	153581	39.98	ng	#	75
58) Fluorene	15.771	166	443577	38.28	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.348	232	158229	40.62	ng		95
60) Diethylphthalate	15.536	149	483107	36.73	ng		95
61) 4-Chlorophenyl-phenyle...	15.765	204	267804	37.74	ng		98
62) 4-Nitroaniline	15.788	138	107076	33.69	ng	#	65
63) Azobenzene	16.053	77	468862	37.86	ng		91
65) 4,6-Dinitro-2-methylph...	15.841	198	106697	46.45	ng		85
66) n-Nitrosodiphenylamine	15.976	169	412446	38.56	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	183080	38.49	ng		97
68) Hexachlorobenzene	16.775	284	189895	36.71	ng		98
69) Atrazine	16.916	200	172557	42.47	ng		98
70) Pentachlorophenol	17.116	266	133009	42.35	ng		98
71) Phenanthrene	17.510	178	760295	37.03	ng		97
72) Anthracene	17.604	178	759186	37.59	ng		97
73) Carbazole	17.868	167	712419	37.80	ng		99
74) Di-n-butylphthalate	18.421	149	802509	34.87	ng	#	97
75) Fluoranthene	19.513	202	993592	36.90	ng		97
77) Benzidine	19.690	184	479633	46.40	ng		98
78) Pyrene	19.872	202	992360	37.82	ng		98
80) Butylbenzylphthalate	20.753	149	356843	35.61	ng		89
81) Benzo(a)anthracene	21.723	228	981888	37.71	ng		98
82) 3,3'-Dichlorobenzidine	21.634	252	356636	40.64	ng		99
83) Chrysene	21.787	228	951999	38.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.623	149	493641	35.96	ng		98
85) Di-n-octyl phthalate	22.851	149	850652	37.05	ng		97
87) Indeno(1,2,3-cd)pyrene	28.720	276	1105226	37.82	ng	#	90
88) Benzo(b)fluoranthene	23.967	252	1011469	39.17	ng	#	97
89) Benzo(k)fluoranthene	24.038	252	957707	38.17	ng	#	95
90) Benzo(a)pyrene	24.854	252	937589	38.66	ng	#	97
91) Dibenzo(a,h)anthracene	28.797	278	946953	39.26	ng	#	94
92) Benzo(g,h,i)perylene	29.895	276	911157	39.22	ng	#	94

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

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