Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
Data File : BG048413.D
Acq On : 18 Mar 2021 12:15
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Mar 18 14:18:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 14:16:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	50453	20.00	ng	#	0.00
21) Naphthalene-d8	10.930	136	191179	20.00	ng		0.00
39) Acenaphthene-d10	14.749	164	148070	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	375085	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	393014	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	383514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	76580	26.07	ng		0.00
7) Phenol-d6	7.252	99	108687	25.12	ng		0.00
23) Nitrobenzene-d5	9.273	82	112083	26.05	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	56485	29.82	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	245361	23.35	ng		0.00
79) Terphenyl-d14	20.108	244	540523	26.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.527	88	14678	10.45	ng	#	92
3) Pyridine	3.938	79	44778	11.68	ng	#	84
4) n-Nitrosodimethylamine	3.850	42	25406	11.48	ng	#	59
6) Aniline	7.428	93	64975	12.21	ng		94
8) 2-Chlorophenol	7.669	128	38541	13.00	ng		82
9) Benzaldehyde	7.240	77	39296	14.08	ng	#	72
10) Phenol	7.276	94	56715	12.84	ng	#	72
11) bis(2-Chloroethyl)ether	7.523	93	38991	12.22	ng		98
12) 1,3-Dichlorobenzene	7.998	146	48040	12.70	ng	#	89
13) 1,4-Dichlorobenzene	8.151	146	45548	12.05	ng	#	90
14) 1,2-Dichlorobenzene	8.468	146	44929	12.15	ng	#	91
15) Benzyl Alcohol	8.345	79	48194	12.71	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.639	45	45532	11.68	ng		92
17) 2-Methylphenol	8.539	107	35033	12.40	ng	#	86
18) Hexachloroethane	9.203	117	17816	12.88	ng		91
19) n-Nitroso-di-n-propyla...	8.909	70	40743	12.22	ng	#	95
20) 3+4-Methylphenols	8.868	107	47515	12.60	ng		86
22) Acetophenone	8.933	105	62521	11.57	ng	#	91
24) Nitrobenzene	9.315	77	61322	13.85	ng	#	76
25) Isophorone	9.843	82	109302	11.84	ng	#	91
26) 2-Nitrophenol	10.037	139	22859	15.64	ng	#	81
27) 2,4-Dimethylphenol	10.084	122	35267	12.05	ng		91
28) bis(2-Chloroethoxy)met...	10.325	93	49570	11.96	ng		97
29) 2,4-Dichlorophenol	10.566	162	40048	12.68	ng		96
30) 1,2,4-Trichlorobenzene	10.789	180	49407	11.99	ng		98
31) Naphthalene	10.983	128	125254	12.01	ng		99
32) Benzoic acid	10.155	122	24379	13.23	ng	#	84
33) 4-Chloroaniline	11.083	127	53154	12.12	ng	#	87
34) Hexachlorobutadiene	11.271	225	39743	12.34	ng		98
35) Caprolactam	11.829	113	14942	13.87	ng		89
36) 4-Chloro-3-methylphenol	12.188	107	47410	12.55	ng	#	75
37) 2-Methylnaphthalene	12.587	142	97132	12.14	ng	#	89
38) 1-Methylnaphthalene	12.805	142	91690	12.16	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.946	216	61939	11.31	ng	#	97
41) Hexachlorocyclopentadiene	12.928	237	40567	13.54	ng		90
43) 2,4,6-Trichlorophenol	13.181	196	40984	12.77	ng		91

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44) 2,4,5-Trichlorophenol	13.245	196	46883	13.46	ng	#	90
46) 1,1'-Biphenyl	13.586	154	122996	11.44	ng		98
47) 2-Chloronaphthalene	13.633	162	99232	11.40	ng		98
48) 2-Nitroaniline	13.821	65	35528	14.41	ng	#	79
49) Acenaphthylene	14.473	152	163415	11.76	ng		94
50) Dimethylphthalate	14.197	163	145872	12.82	ng		97
51) 2,6-Dinitrotoluene	14.315	165	29280	13.52	ng	#	42
52) Acenaphthene	14.814	154	105943	11.59	ng		96
53) 3-Nitroaniline	14.644	138	28176	12.76	ng	#	57
54) 2,4-Dinitrophenol	14.849	184	15901	12.40	ng	#	76
55) Dibenzofuran	15.149	168	167179	11.93	ng	#	91
56) 4-Nitrophenol	14.937	139	25248	13.45	ng	#	53
57) 2,4-Dinitrotoluene	15.096	165	40487	13.66	ng	#	69
58) Fluorene	15.795	166	139617	11.91	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.372	232	46826	13.92	ng	#	95
60) Diethylphthalate	15.560	149	146752	13.32	ng		96
61) 4-Chlorophenyl-phenyle...	15.789	204	77925	11.57	ng		98
62) 4-Nitroaniline	15.801	138	31237	13.02	ng	#	51
63) Azobenzene	16.083	77	155103	11.55	ng		88
65) 4,6-Dinitro-2-methylph...	15.860	198	24279	13.32	ng		90
66) n-Nitrosodiphenylamine	16.001	169	129708	11.91	ng		96
67) 4-Bromophenyl-phenylether	16.688	248	56175	12.46	ng		88
68) Hexachlorobenzene	16.800	284	60831	12.37	ng	#	93
69) Atrazine	16.941	200	53850	13.69	ng		93
70) Pentachlorophenol	17.141	266	37817	12.86	ng		95
71) Phenanthrene	17.546	178	236793	11.98	ng		97
72) Anthracene	17.634	178	241122	12.29	ng		93
73) Carbazole	17.899	167	230216	12.68	ng		97
74) Di-n-butylphthalate	18.457	149	256112	13.79	ng	#	94
75) Fluoranthene	19.555	202	328869	12.54	ng		93
77) Benzidine	19.726	184	140197	13.77	ng		99
78) Pyrene	19.914	202	329255	12.58	ng		97
80) Butylbenzylphthalate	20.795	149	113895	14.11	ng	#	84
81) Benzo(a)anthracene	21.776	228	326669	11.99	ng		99
82) 3,3'-Dichlorobenzidine	21.688	252	120043	13.05	ng	#	94
83) Chrysene	21.847	228	317874	12.23	ng		95
84) Bis(2-ethylhexyl)phtha...	21.682	149	156661	13.10	ng		95
85) Di-n-octyl phthalate	22.940	149	258250	12.98	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.950	276	342787	11.64	ng	#	77
88) Benzo(b)fluoranthene	24.074	252	328384	12.28	ng	#	97
89) Benzo(k)fluoranthene	24.138	252	307393	11.98	ng	#	93
90) Benzo(a)pyrene	24.973	252	292157	11.85	ng	#	94
91) Dibenzo(a,h)anthracene	29.027	278	289962	11.54	ng	#	93
92) Benzo(g,h,i)perylene	30.143	276	282354	11.59	ng	#	89

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

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