Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048517.D
Acq On : 30 Mar 2021 20:05
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Mar 31 00:55:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 00:52:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	19200	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	80795	20.00	ng		0.00
39) Acenaphthene-d10	14.751	164	59367	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	140285	20.00	ng		# 0.00
76) Chrysene-d12	21.801	240	127921	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	133901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	106683	91.88	ng		0.00
7) Phenol-d6	7.248	99	154834	91.65	ng		0.00
23) Nitrobenzene-d5	9.269	82	161686	80.01	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	75376	78.07	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	375322	90.95	ng		0.00
79) Terphenyl-d14	20.115	244	677009	95.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	20400	41.65	ng		93
3) Pyridine	3.910	79	56303	41.23	ng	#	88
4) n-Nitrosodimethylamine	3.822	42	34422	43.38	ng		89
6) Aniline	7.418	93	88163	44.12	ng		97
8) 2-Chlorophenol	7.659	128	59156	48.86	ng		91
9) Benzaldehyde	7.230	77	48898	45.92	ng		95
10) Phenol	7.271	94	78170	45.15	ng		98
11) bis(2-Chloroethyl)ether	7.506	93	52611	43.37	ng		97
12) 1,3-Dichlorobenzene	7.988	146	67296	46.72	ng		97
13) 1,4-Dichlorobenzene	8.135	146	69065	48.31	ng		95
14) 1,2-Dichlorobenzene	8.452	146	65664	47.87	ng		94
15) Benzyl Alcohol	8.335	79	65731	43.82	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.617	45	48957	35.30	ng		97
17) 2-Methylphenol	8.540	107	51584	46.99	ng	#	83
18) Hexachloroethane	9.192	117	25175	45.77	ng		86
19) n-Nitroso-di-n-propyla...	8.905	70	52456	41.83	ng		94
20) 3+4-Methylphenols	8.869	107	71591	47.61	ng		96
22) Acetophenone	8.922	105	97232	42.79	ng	#	97
24) Nitrobenzene	9.310	77	80941	37.39	ng		99
25) Isophorone	9.833	82	147871	38.23	ng		99
26) 2-Nitrophenol	10.027	139	36528	44.40	ng		97
27) 2,4-Dimethylphenol	10.080	122	57523	44.80	ng		98
28) bis(2-Chloroethoxy)met...	10.315	93	66110	37.71	ng		98
29) 2,4-Dichlorophenol	10.567	162	66599	44.70	ng		98
30) 1,2,4-Trichlorobenzene	10.785	180	74127	41.16	ng		96
31) Naphthalene	10.973	128	199084	44.44	ng		99
32) Benzoic acid	10.215	122	47240	47.28	ng		93
33) 4-Chloroaniline	11.078	127	83945	43.83	ng		96
34) Hexachlorobutadiene	11.261	225	51679	36.20	ng		91
35) Caprolactam	11.848	113	23546	44.27	ng	#	75
36) 4-Chloro-3-methylphenol	12.195	107	74308	42.97	ng		93
37) 2-Methylnaphthalene	12.577	142	156076	45.65	ng		97
38) 1-Methylnaphthalene	12.800	142	149887	46.61	ng		98
40) 1,2,4,5-Tetrachloroben...	12.941	216	87401	40.32	ng		96
41) Hexachlorocyclopentadiene	12.923	237	55325	39.47	ng		98
43) 2,4,6-Trichlorophenol	13.182	196	62697	42.67	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	66084	40.86	ng		91
46) 1,1'-Biphenyl	13.581	154	203339	47.72	ng		98
47) 2-Chloronaphthalene	13.628	162	156709	45.62	ng		96
48) 2-Nitroaniline	13.822	65	50742	39.91	ng		98
49) Acenaphthylene	14.474	152	248790	44.73	ng		98
50) Dimethylphthalate	14.198	163	210336	43.53	ng		98
51) 2,6-Dinitrotoluene	14.316	165	49067	47.19	ng		95
52) Acenaphthene	14.815	154	180915	48.39	ng		94
53) 3-Nitroaniline	14.645	138	47970	48.18	ng		95
54) 2,4-Dinitrophenol	14.851	184	27164	42.80	ng	#	81
55) Dibenzofuran	15.150	168	256542	46.07	ng		95
56) 4-Nitrophenol	14.950	139	39302	44.11	ng	#	87
57) 2,4-Dinitrotoluene	15.103	165	71020	48.10	ng		99
58) Fluorene	15.796	166	214288	45.85	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.368	232	63733	39.94	ng		99
60) Diethylphthalate	15.561	149	218772	46.32	ng		98
61) 4-Chlorophenyl-phenyle...	15.785	204	115491	42.96	ng		94
62) 4-Nitroaniline	15.814	138	50404	46.22	ng		95
63) Azobenzene	16.078	77	209426	40.75	ng		97
65) 4,6-Dinitro-2-methylph...	15.867	198	43908	49.70	ng		98
66) n-Nitrosodiphenylamine	16.002	169	190734	46.93	ng		98
67) 4-Bromophenyl-phenylether	16.684	248	75491	42.73	ng		95
68) Hexachlorobenzene	16.801	284	77714	41.05	ng		98
69) Atrazine	16.948	200	78574	48.07	ng		95
70) Pentachlorophenol	17.148	266	52968	42.09	ng		94
71) Phenanthrene	17.547	178	345996	46.69	ng		99
72) Anthracene	17.635	178	346243	47.09	ng		99
73) Carbazole	17.906	167	328693	46.88	ng		96
74) Di-n-butylphthalate	18.458	149	370196	47.70	ng		98
75) Fluoranthene	19.557	202	423675	42.94	ng		100
77) Benzidine	19.733	184	212395	55.43	ng		97
78) Pyrene	19.915	202	431789	49.15	ng		99
80) Butylbenzylphthalate	20.796	149	162701	52.11	ng		92
81) Benzo(a)anthracene	21.778	228	417086	47.01	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	140692	43.94	ng		94
83) Chrysene	21.848	228	400290	47.06	ng		95
84) Bis(2-ethylhexyl)phtha...	21.678	149	227523	52.74	ng		97
85) Di-n-octyl phthalate	22.935	149	396646	54.90	ng		100
87) Indeno(1,2,3-cd)pyrene	28.975	276	450129	44.08	ng	#	99
88) Benzo(b)fluoranthene	24.075	252	425910	45.14	ng	#	98
89) Benzo(k)fluoranthene	24.145	252	406208	45.63	ng		97
90) Benzo(a)pyrene	24.986	252	386973	44.98	ng		98
91) Dibenzo(a,h)anthracene	29.046	278	390021	44.77	ng	#	97
92) Benzo(g,h,i)perylene	30.174	276	380173	44.98	ng		96

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

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