Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048579.D
Acq On : 5 Apr 2021 11:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 13:32:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	27304	20.00	ng	#	0.00
21) Naphthalene-d8	10.923	136	110188	20.00	ng	#	0.00
39) Acenaphthene-d10	14.748	164	76520	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	180259	20.00	ng	#	0.00
76) Chrysene-d12	21.799	240	172374	20.00	ng	#	0.00
86) Perylene-d12	25.148	264	172858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	131323	84.91	ng		0.00
7) Phenol-d6	7.251	99	179252	79.92	ng		0.00
23) Nitrobenzene-d5	9.267	82	178662	78.50	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	80437	79.97	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	407268	79.11	ng		0.00
79) Terphenyl-d14	20.113	244	759699	80.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	25321	40.69	ng	#	88
3) Pyridine	3.914	79	64189	41.15	ng		96
4) n-Nitrosodimethylamine	3.826	42	41796	41.01	ng		95
6) Aniline	7.416	93	99450	38.61	ng		96
8) 2-Chlorophenol	7.657	128	70011	40.06	ng		99
9) Benzaldehyde	7.228	77	55873	38.97	ng		98
10) Phenol	7.275	94	89310	39.77	ng		99
11) bis(2-Chloroethyl)ether	7.510	93	61268	39.32	ng		94
12) 1,3-Dichlorobenzene	7.986	146	76402	38.81	ng		96
13) 1,4-Dichlorobenzene	8.133	146	82606	41.61	ng		96
14) 1,2-Dichlorobenzene	8.456	146	79500	41.82	ng		94
15) Benzyl Alcohol	8.332	79	75201	40.93	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.620	45	58072	38.64	ng		96
17) 2-Methylphenol	8.538	107	59046	40.64	ng		87
18) Hexachloroethane	9.196	117	29066	39.40	ng	#	84
19) n-Nitroso-di-n-propyla...	8.908	70	59631	38.57	ng	#	98
20) 3+4-Methylphenols	8.867	107	80383	39.86	ng		94
22) Acetophenone	8.926	105	110535	38.91	ng	#	94
24) Nitrobenzene	9.313	77	89532	40.09	ng		99
25) Isophorone	9.836	82	160938	38.29	ng		99
26) 2-Nitrophenol	10.024	139	39640	38.63	ng		94
27) 2,4-Dimethylphenol	10.083	122	63959	39.61	ng		94
28) bis(2-Chloroethoxy)met...	10.318	93	76665	39.79	ng		95
29) 2,4-Dichlorophenol	10.571	162	72976	39.91	ng		95
30) 1,2,4-Trichlorobenzene	10.788	180	82957	39.48	ng		93
31) Naphthalene	10.976	128	218160	38.51	ng		97
32) Benzoic acid	10.212	122	42638	34.32	ng		97
33) 4-Chloroaniline	11.082	127	97044	40.59	ng		97
34) Hexachlorobutadiene	11.258	225	57717	37.62	ng		88
35) Caprolactam	11.846	113	24996	37.47	ng	#	79
36) 4-Chloro-3-methylphenol	12.198	107	80519	39.21	ng		94
37) 2-Methylnaphthalene	12.580	142	173783	38.53	ng		98
38) 1-Methylnaphthalene	12.798	142	162423	37.76	ng		97
40) 1,2,4,5-Tetrachloroben...	12.945	216	96783	40.80	ng		98
41) Hexachlorocyclopentadiene	12.921	237	49259	35.85	ng		95
43) 2,4,6-Trichlorophenol	13.180	196	67987	41.70	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	73093	41.90	ng		97
46) 1,1'-Biphenyl	13.585	154	220826	39.50	ng		98
47) 2-Chloronaphthalene	13.626	162	170949	40.13	ng		94
48) 2-Nitroaniline	13.826	65	54177	40.01	ng		86
49) Acenaphthylene	14.472	152	262642	39.33	ng		98
50) Dimethylphthalate	14.196	163	217810	38.35	ng	#	97
51) 2,6-Dinitrotoluene	14.314	165	51497	39.63	ng		97
52) Acenaphthene	14.813	154	187996	38.92	ng		95
53) 3-Nitroaniline	14.648	138	52171	40.94	ng		90
54) 2,4-Dinitrophenol	14.854	184	25071	34.31	ng		93
55) Dibenzofuran	15.148	168	272071	38.57	ng		97
56) 4-Nitrophenol	14.954	139	42019	40.85	ng	#	83
57) 2,4-Dinitrotoluene	15.101	165	74827	40.71	ng	#	97
58) Fluorene	15.800	166	225560	38.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	66579	39.12	ng		99
60) Diethylphthalate	15.559	149	229075	39.25	ng		99
61) 4-Chlorophenyl-phenyle...	15.788	204	120112	37.81	ng		93
62) 4-Nitroaniline	15.812	138	55269	41.47	ng		98
63) Azobenzene	16.082	77	214705	37.40	ng		98
65) 4,6-Dinitro-2-methylph...	15.871	198	42248	39.01	ng		91
66) n-Nitrosodiphenylamine	16.000	169	208437	40.64	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	78275	39.17	ng		95
68) Hexachlorobenzene	16.805	284	84049	40.28	ng		95
69) Atrazine	16.946	200	86422	41.32	ng		97
70) Pentachlorophenol	17.145	266	54910	42.34	ng		92
71) Phenanthrene	17.545	178	378561	40.46	ng		99
72) Anthracene	17.639	178	376067	40.33	ng		99
73) Carbazole	17.903	167	360970	40.82	ng		96
74) Di-n-butylphthalate	18.456	149	414816	41.99	ng		99
75) Fluoranthene	19.554	202	480649	41.43	ng		97
77) Benzidine	19.731	184	230653	39.51	ng		97
78) Pyrene	19.919	202	478929	40.41	ng		99
80) Butylbenzylphthalate	20.800	149	183360	41.65	ng		99
81) Benzo(a)anthracene	21.781	228	459848	39.93	ng		98
82) 3,3'-Dichlorobenzidine	21.693	252	160212	40.49	ng		95
83) Chrysene	21.852	228	432403	39.34	ng		97
84) Bis(2-ethylhexyl)phtha...	21.675	149	251629	41.04	ng		96
85) Di-n-octyl phthalate	22.933	149	434499	40.65	ng		99
87) Indeno(1,2,3-cd)pyrene	28.985	276	487446	40.22	ng	#	97
88) Benzo(b)fluoranthene	24.079	252	461778	41.13	ng	#	99
89) Benzo(k)fluoranthene	24.155	252	442672	41.01	ng		98
90) Benzo(a)pyrene	24.989	252	421140	40.70	ng	#	97
91) Dibenzo(a,h)anthracene	29.055	278	420961	40.70	ng		95
92) Benzo(g,h,i)perylene	30.183	276	411989	40.67	ng		95

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

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