Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047934.D
Acq On : 20 Jan 2021 11:55
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jan 20 13:15:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 13:11:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	43881	20.00	ng		0.00
21) Naphthalene-d8	10.972	136	168810	20.00	ng		0.00
39) Acenaphthene-d10	14.773	164	124899	20.00	ng		0.00
64) Phenanthrene-d10	17.517	188	316959	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	326018	20.00	ng	#	0.00
86) Perylene-d12	25.108	264	326975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	186885	73.68	ng		0.00
7) Phenol-d6	7.294	99	287687	77.58	ng		0.00
23) Nitrobenzene-d5	9.315	82	263172	57.34	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	121127	56.81	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	653187	67.67	ng		0.00
79) Terphenyl-d14	20.120	244	1294723	65.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.598	88	49040	45.00	ng	#	90
3) Pyridine	3.992	79	145724	51.81	ng	#	92
4) n-Nitrosodimethylamine	3.904	42	70419	31.64	ng	#	71
6) Aniline	7.470	93	178419	43.38	ng	#	89
8) 2-Chlorophenol	7.711	128	95959	37.11	ng		89
9) Benzaldehyde	7.282	77	91339	37.59	ng	#	80
10) Phenol	7.317	94	135086	40.18	ng		74
11) bis(2-Chloroethyl)ether	7.564	93	109847	45.85	ng		92
12) 1,3-Dichlorobenzene	8.040	146	128956	37.00	ng	#	92
13) 1,4-Dichlorobenzene	8.187	146	128925	37.02	ng		96
14) 1,2-Dichlorobenzene	8.510	146	121136	36.99	ng		95
15) Benzyl Alcohol	8.381	79	115667	35.21	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.681	45	187951	78.97	ng		98
17) 2-Methylphenol	8.581	107	89355	37.67	ng	#	89
18) Hexachloroethane	9.245	117	44140	32.33	ng		95
19) n-Nitroso-di-n-propyla...	8.957	70	100423	38.92	ng		92
20) 3+4-Methylphenols	8.904	107	118819	36.56	ng		88
22) Acetophenone	8.974	105	180278	37.32	ng	#	91
24) Nitrobenzene	9.356	77	138272	31.92	ng	#	85
25) Isophorone	9.879	82	253021	36.56	ng		93
26) 2-Nitrophenol	10.067	139	35690	20.83	ng		96
27) 2,4-Dimethylphenol	10.120	122	83465	33.83	ng		88
28) bis(2-Chloroethoxy)met...	10.361	93	155300	43.41	ng		96
29) 2,4-Dichlorophenol	10.602	162	98486	30.66	ng		95
30) 1,2,4-Trichlorobenzene	10.825	180	136699	33.17	ng		94
31) Naphthalene	11.019	128	336289	36.25	ng		98
32) Benzoic acid	10.232	122	44942	34.70	ng		92
33) 4-Chloroaniline	11.113	127	149978	38.05	ng	#	90
34) Hexachlorobutadiene	11.307	225	103915	28.59	ng		97
35) Caprolactam	11.883	113	34433	33.75	ng		91
36) 4-Chloro-3-methylphenol	12.223	107	114487	32.61	ng		87
37) 2-Methylnaphthalene	12.611	142	253483	35.22	ng	#	92
38) 1-Methylnaphthalene	12.829	142	238771	35.10	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.975	216	167399	32.66	ng		98
41) Hexachlorocyclopentadiene	12.958	237	72541	26.13	ng		98
43) 2,4,6-Trichlorophenol	13.205	196	94302	28.79	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.275	196	99819	30.80	ng	#	95
46) 1,1'-Biphenyl	13.610	154	331667	34.80	ng		97
47) 2-Chloronaphthalene	13.657	162	276655	35.70	ng		96
48) 2-Nitroaniline	13.845	65	73971	25.83	ng	#	81
49) Acenaphthylene	14.497	152	416721	36.23	ng		98
50) Dimethylphthalate	14.227	163	365272	33.93	ng		99
51) 2,6-Dinitrotoluene	14.339	165	67946	31.05	ng	#	55
52) Acenaphthene	14.838	154	273594	33.72	ng		100
53) 3-Nitroaniline	14.668	138	74160	34.20	ng	#	75
54) 2,4-Dinitrophenol	14.867	184	31253	22.29	ng		91
55) Dibenzofuran	15.173	168	421381	35.83	ng		95
56) 4-Nitrophenol	14.956	139	54341	34.76	ng	#	65
57) 2,4-Dinitrotoluene	15.120	165	93976	28.88	ng	#	71
58) Fluorene	15.819	166	355130	35.55	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.390	232	97930	29.58	ng	#	97
60) Diethylphthalate	15.584	149	359760	34.66	ng		95
61) 4-Chlorophenyl-phenyle...	15.813	204	212112	33.69	ng		99
62) 4-Nitroaniline	15.825	138	87395	36.63	ng	#	65
63) Azobenzene	16.101	77	364018	37.61	ng		89
65) 4,6-Dinitro-2-methylph...	15.884	198	38207	18.87	ng		92
66) n-Nitrosodiphenylamine	16.019	169	323349	35.65	ng		98
67) 4-Bromophenyl-phenylether	16.706	248	146924	34.50	ng		97
68) Hexachlorobenzene	16.824	284	157883	34.17	ng		98
69) Atrazine	16.965	200	114856	30.15	ng		97
70) Pentachlorophenol	17.159	266	76820	36.49	ng		97
71) Phenanthrene	17.558	178	611768	35.80	ng		96
72) Anthracene	17.652	178	595601	35.95	ng		96
73) Carbazole	17.911	167	539318	37.18	ng		99
74) Di-n-butylphthalate	18.475	149	604011	35.33	ng	#	98
75) Fluoranthene	19.562	202	808138	35.28	ng		96
77) Benzidine	19.732	184	305119	34.80	ng		98
78) Pyrene	19.920	202	807698	34.58	ng		97
80) Butylbenzylphthalate	20.807	149	224563	28.04	ng		90
81) Benzo(a)anthracene	21.777	228	813450	34.74	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	270352	32.80	ng		96
83) Chrysene	21.847	228	782967	35.40	ng		99
84) Bis(2-ethylhexyl)phtha...	21.695	149	333782	30.24	ng		96
85) Di-n-octyl phthalate	22.946	149	514647	27.49	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.892	276	922604	37.16	ng	#	89
88) Benzo(b)fluoranthene	24.057	252	819766	36.36	ng	#	97
89) Benzo(k)fluoranthene	24.127	252	800216	36.61	ng	#	96
90) Benzo(a)pyrene	24.956	252	772195	36.81	ng	#	98
91) Dibenzo(a,h)anthracene	28.968	278	746755	37.12	ng	#	94
92) Benzo(g,h,i)perylene	30.073	276	753740	38.32	ng	#	95

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

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