Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048129.D
Acq On : 10 Feb 2021 13:34
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 16:44:04 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

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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2/11/2021 9:49:21 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.106	152	47871	20.00	ng	#	0.00
21) Naphthalene-d8	10.914	136	196269	20.00	ng		0.00
39) Acenaphthene-d10	14.728	164	152684	20.00	ng		0.00
64) Phenanthrene-d10	17.471	188	389485	20.00	ng	#	0.00
76) Chrysene-d12	21.743	240	393017	20.00	ng	#	0.00
86) Perylene-d12	25.004	264	396763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	122336	39.27	ng		0.00
7) Phenol-d6	7.248	99	188488	39.80	ng		0.00
23) Nitrobenzene-d5	9.263	82	198688	40.06	ng		0.00
42) 2,4,6-Tribromophenol	16.208	330	106445	41.86	ng		0.00
45) 2-Fluorobiphenyl	13.353	172	469190	39.73	ng		0.00
79) Terphenyl-d14	20.068	244	926621	40.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	26252	18.91	ng		95
3) Pyridine	3.946	79	79925	19.18	ng	#	87
4) n-Nitrosodimethylamine	3.852	42	42439	22.04	ng	#	67
6) Aniline	7.424	93	115213	20.14	ng		92
8) 2-Chlorophenol	7.665	128	67721	20.77	ng		90
9) Benzaldehyde	7.236	77	67422	27.75	ng		84
10) Phenol	7.277	94	96870	21.34	ng		81
11) bis(2-Chloroethyl)ether	7.518	93	74833	21.05	ng		97
12) 1,3-Dichlorobenzene	7.994	146	78159	19.86	ng	#	91
13) 1,4-Dichlorobenzene	8.141	146	80096	20.30	ng	#	93
14) 1,2-Dichlorobenzene	8.458	146	74565	19.80	ng		92
15) Benzyl Alcohol	8.335	79	84043	20.97	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.629	45	97550	19.55	ng		95
17) 2-Methylphenol	8.535	107	62140	20.25	ng	#	86
18) Hexachloroethane	9.193	117	29982	19.48	ng		96
19) n-Nitroso-di-n-propyla...	8.905	70	74862	21.66	ng		96
20) 3+4-Methylphenols	8.864	107	86713	20.43	ng		90
22) Acetophenone	8.923	105	123527	20.42	ng	#	92
24) Nitrobenzene	9.305	77	106599	21.46	ng	#	85
25) Isophorone	9.827	82	201651	22.65	ng	#	90
26) 2-Nitrophenol	10.021	139	43939	21.50	ng	#	74
27) 2,4-Dimethylphenol	10.074	122	63833	21.49	ng		91
28) bis(2-Chloroethoxy)met...	10.309	93	99731	18.62	ng	#	95
29) 2,4-Dichlorophenol	10.556	162	81795	21.40	ng		97
30) 1,2,4-Trichlorobenzene	10.779	180	90783	19.65	ng		97
31) Naphthalene	10.967	128	230989	20.35	ng		98
32) Benzoic acid	10.168	122	36355	13.67	ng	#	73
33) 4-Chloroaniline	11.067	127	102665	19.79	ng	#	88
34) Hexachlorobutadiene	11.249	225	66725	20.34	ng		96
35) Caprolactam	11.825	113	26657	18.33	ng		95
36) 4-Chloro-3-methylphenol	12.178	107	91933	21.44	ng	#	84
37) 2-Methylnaphthalene	12.565	142	180612	21.07	ng	#	95
38) 1-Methylnaphthalene	12.783	142	168697	20.63	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.924	216	115707	19.88	ng		97
41) Hexachlorocyclopentadiene	12.906	237	69863	21.19	ng		98
43) 2,4,6-Trichlorophenol	13.159	196	83899	20.67	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.229	196	89600	21.30	ng	#	95
46) 1,1'-Biphenyl	13.564	154	235725	19.97	ng		100
47) 2-Chloronaphthalene	13.605	162	200113	19.48	ng		97
48) 2-Nitroaniline	13.799	65	71488	19.17	ng	#	79
49) Acenaphthylene	14.451	152	309761	20.43	ng		99
50) Dimethylphthalate	14.175	163	275793	19.96	ng		96
51) 2,6-Dinitrotoluene	14.293	165	61698	21.48	ng	#	65
52) Acenaphthene	14.792	154	209969	20.46	ng		96
53) 3-Nitroaniline	14.622	138	59246	18.80	ng	#	70
54) 2,4-Dinitrophenol	14.827	184	39050	21.74	ng	#	70
55) Dibenzofuran	15.121	168	326918	21.00	ng		95
56) 4-Nitrophenol	14.916	139	50602	20.58	ng	#	63
57) 2,4-Dinitrotoluene	15.080	165	89173	21.49	ng	#	85
58) Fluorene	15.773	166	262997	21.01	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.345	232	93007m	22.11	ng		
60) Diethylphthalate	15.533	149	282519	19.89	ng		94
61) 4-Chlorophenyl-phenyle...	15.762	204	154567	20.17	ng		97
62) 4-Nitroaniline	15.785	138	63936	18.62	ng	#	68
63) Azobenzene	16.055	77	281746	21.07	ng		90
65) 4,6-Dinitro-2-methylph...	15.838	198	59207	23.55	ng		83
66) n-Nitrosodiphenylamine	15.973	169	238654	20.39	ng		97
67) 4-Bromophenyl-phenylether	16.655	248	105863	20.34	ng		94
68) Hexachlorobenzene	16.772	284	108633	19.19	ng	#	93
69) Atrazine	16.919	200	101020	22.72	ng		98
70) Pentachlorophenol	17.113	266	72944	21.22	ng		95
71) Phenanthrene	17.513	178	456298	20.31	ng		96
72) Anthracene	17.601	178	451900	20.45	ng		98
73) Carbazole	17.871	167	431643	20.93	ng		98
74) Di-n-butylphthalate	18.423	149	477102	18.94	ng	#	96
75) Fluoranthene	19.510	202	601791	20.42	ng		95
77) Benzidine	19.686	184	285406	25.17	ng		98
78) Pyrene	19.874	202	605340	21.03	ng		97
80) Butylbenzylphthalate	20.750	149	206054	18.74	ng		89
81) Benzo(a)anthracene	21.719	228	588779	20.61	ng		98
82) 3,3'-Dichlorobenzidine	21.631	252	211838	22.01	ng	#	96
83) Chrysene	21.784	228	564680	20.81	ng		97
84) Bis(2-ethylhexyl)phtha...	21.619	149	291603	19.37	ng		94
85) Di-n-octyl phthalate	22.847	149	498166	19.78	ng		96
87) Indeno(1,2,3-cd)pyrene	28.723	276	643488	20.16	ng	#	60
88) Benzo(b)fluoranthene	23.964	252	588281	20.86	ng	#	98
89) Benzo(k)fluoranthene	24.034	252	558711	20.39	ng	#	97
90) Benzo(a)pyrene	24.851	252	540761	20.42	ng	#	98
91) Dibenzo(a,h)anthracene	28.788	278	551677	20.95	ng	#	94
92) Benzo(g,h,i)perylene	29.880	276	538753	21.24	ng	#	94

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

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