Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047933.D
Acq On : 20 Jan 2021 11:15
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 13:14:46 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

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/22/2021 11:49:39 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.155	152	40522	20.00	ng	#	0.00
21) Naphthalene-d8	10.969	136	153361	20.00	ng	#	0.00
39) Acenaphthene-d10	14.777	164	111226	20.00	ng		0.00
64) Phenanthrene-d10	17.514	188	284966	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	303564	20.00	ng	#	0.00
86) Perylene-d12	25.106	264	301793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	91936	39.25	ng		0.00
7) Phenol-d6	7.291	99	139643	40.78	ng		0.00
23) Nitrobenzene-d5	9.312	82	118754	28.48	ng		0.00
42) 2,4,6-Tribromophenol	16.257	330	51147	26.94	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	342501	39.85	ng		0.00
79) Terphenyl-d14	20.117	244	699930	37.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	25350	25.19	ng	#	87
3) Pyridine	3.995	79	70938	27.31	ng		85
4) n-Nitrosodimethylamine	3.907	42	35830	17.43	ng	#	77
6) Aniline	7.467	93	89831	23.65	ng	#	91
8) 2-Chlorophenol	7.708	128	44987	18.84	ng		82
9) Benzaldehyde	7.285	77	43421	19.35	ng		83
10) Phenol	7.321	94	67329	21.69	ng		80
11) bis(2-Chloroethyl)ether	7.567	93	57400	25.95	ng		94
12) 1,3-Dichlorobenzene	8.043	146	64094	19.91	ng	#	88
13) 1,4-Dichlorobenzene	8.190	146	64433	20.03	ng		98
14) 1,2-Dichlorobenzene	8.507	146	62070	20.52	ng		94
15) Benzyl Alcohol	8.378	79	52618	17.35	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.678	45	97202	44.23	ng		97
17) 2-Methylphenol	8.578	107	43981	20.08	ng	#	87
18) Hexachloroethane	9.248	117	21274	16.87	ng		92
19) n-Nitroso-di-n-propyla...	8.954	70	51183	21.48	ng	#	94
20) 3+4-Methylphenols	8.901	107	56519	18.83	ng		93
22) Acetophenone	8.972	105	91520	20.85	ng	#	85
24) Nitrobenzene	9.353	77	64870	16.48	ng	#	83
25) Isophorone	9.876	82	126166	20.07	ng	#	95
26) 2-Nitrophenol	10.070	139	17877	11.48	ng		98
27) 2,4-Dimethylphenol	10.117	122	38326	17.10	ng		89
28) bis(2-Chloroethoxy)met...	10.358	93	77058	23.71	ng		96
29) 2,4-Dichlorophenol	10.599	162	46183	15.82	ng		99
30) 1,2,4-Trichlorobenzene	10.828	180	68725	18.35	ng		96
31) Naphthalene	11.016	128	172455	20.46	ng		99
32) Benzoic acid	10.194	122	20182m	17.15	ng		
33) 4-Chloroaniline	11.116	127	74426	20.78	ng	#	93
34) Hexachlorobutadiene	11.304	225	53409	16.17	ng		97
35) Caprolactam	11.862	113	14044	15.15	ng	#	82
36) 4-Chloro-3-methylphenol	12.215	107	53224	16.69	ng		93
37) 2-Methylnaphthalene	12.614	142	128575	19.66	ng	#	95
38) 1-Methylnaphthalene	12.826	142	120938	19.57	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.973	216	85105	18.64	ng	#	97
41) Hexachlorocyclopentadiene	12.961	237	32008	12.95	ng		96
43) 2,4,6-Trichlorophenol	13.202	196	39572	13.57	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.272	196	43337	15.02	ng	#	94
46) 1,1'-Biphenyl	13.613	154	171451	20.20	ng		94
47) 2-Chloronaphthalene	13.654	162	136914	19.84	ng		94
48) 2-Nitroaniline	13.842	65	28207	11.06	ng		89
49) Acenaphthylene	14.500	152	211860	20.68	ng		96
50) Dimethylphthalate	14.218	163	167652	17.49	ng		99
51) 2,6-Dinitrotoluene	14.336	165	29582	15.18	ng	#	72
52) Acenaphthene	14.835	154	136265	18.86	ng		99
53) 3-Nitroaniline	14.659	138	34531	17.88	ng		84
54) 2,4-Dinitrophenol	14.859	184	13799	11.05	ng	#	38
55) Dibenzofuran	15.170	168	212305	20.27	ng		93
56) 4-Nitrophenol	14.947	139	23114	16.60	ng	#	72
57) 2,4-Dinitrotoluene	15.117	165	39152	13.51	ng	#	80
58) Fluorene	15.816	166	179270	20.15	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	41051	13.93	ng	#	95
60) Diethylphthalate	15.581	149	165871	17.94	ng		96
61) 4-Chlorophenyl-phenyle...	15.811	204	106298	18.96	ng		99
62) 4-Nitroaniline	15.822	138	40289	18.96	ng	#	68
63) Azobenzene	16.104	77	184672	21.43	ng		91
65) 4,6-Dinitro-2-methylph...	15.881	198	17707	9.72	ng		94
66) n-Nitrosodiphenylamine	16.016	169	164267	20.15	ng		99
67) 4-Bromophenyl-phenylether	16.704	248	73477	19.19	ng		96
68) Hexachlorobenzene	16.821	284	80423	19.36	ng		96
69) Atrazine	16.962	200	50736	14.81	ng		97
70) Pentachlorophenol	17.156	266	32223	17.03	ng		98
71) Phenanthrene	17.556	178	313157	20.38	ng		97
72) Anthracene	17.650	178	307240	20.63	ng		95
73) Carbazole	17.914	167	278090	21.32	ng		98
74) Di-n-butylphthalate	18.472	149	272413	17.72	ng	#	97
75) Fluoranthene	19.559	202	421961	20.49	ng		95
77) Benzidine	19.730	184	126362	15.48	ng		97
78) Pyrene	19.918	202	427031	19.64	ng		94
80) Butylbenzylphthalate	20.805	149	92895	12.46	ng	#	86
81) Benzo(a)anthracene	21.774	228	428610	19.66	ng		97
82) 3,3'-Dichlorobenzidine	21.686	252	125527	16.36	ng		99
83) Chrysene	21.845	228	414561	20.13	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	145286	14.13	ng		98
85) Di-n-octyl phthalate	22.943	149	218194	12.52	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.884	276	454532	19.84	ng	#	85
88) Benzo(b)fluoranthene	24.054	252	416905	20.04	ng	#	96
89) Benzo(k)fluoranthene	24.124	252	405327	20.09	ng	#	96
90) Benzo(a)pyrene	24.953	252	384200	19.84	ng	#	95
91) Dibenzo(a,h)anthracene	28.960	278	369265	19.89	ng	#	95
92) Benzo(g,h,i)perylene	30.059	276	373892	20.59	ng	#	94

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

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