Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048536.D
Acq On : 1 Apr 2021 9:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 11:20:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:30 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	21343	20.00	ng		# 0.00
21) Naphthalene-d8	10.925	136	88413	20.00	ng		# 0.00
39) Acenaphthene-d10	14.750	164	63637	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	149871	20.00	ng		0.00
76) Chrysene-d12	21.800	240	142999	20.00	ng		# 0.00
86) Perylene-d12	25.143	264	143798	20.00	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	101229	83.74	ng		0.00
7) Phenol-d6	7.247	99	145286	82.87	ng		0.00
23) Nitrobenzene-d5	9.268	82	149434	81.83	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	68903	82.37	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	343885	80.32	ng		0.00
79) Terphenyl-d14	20.114	244	621234	79.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	21122	43.43	ng		95
3) Pyridine	3.915	79	56330	46.20	ng		95
4) n-Nitrosodimethylamine	3.827	42	34828	43.72	ng		93
6) Aniline	7.417	93	84744	42.09	ng		97
8) 2-Chlorophenol	7.658	128	56559	41.40	ng		94
9) Benzaldehyde	7.229	77	46756	41.72	ng		96
10) Phenol	7.276	94	69604	39.65	ng		92
11) bis(2-Chloroethyl)ether	7.511	93	51617	42.38	ng		98
12) 1,3-Dichlorobenzene	7.987	146	62877	40.86	ng		96
13) 1,4-Dichlorobenzene	8.134	146	64539	41.59	ng		97
14) 1,2-Dichlorobenzene	8.457	146	59367	39.95	ng		95
15) Benzyl Alcohol	8.334	79	59467	41.41	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.621	45	47616	40.53	ng		99
17) 2-Methylphenol	8.539	107	44670	39.33	ng		91
18) Hexachloroethane	9.191	117	24007	41.64	ng	#	81
19) n-Nitroso-di-n-propyla...	8.903	70	49975	41.35	ng		96
20) 3+4-Methylphenols	8.862	107	63993	40.59	ng		93
22) Acetophenone	8.921	105	89090	39.08	ng	#	97
24) Nitrobenzene	9.309	77	74453	41.54	ng		93
25) Isophorone	9.832	82	134192	39.79	ng	#	98
26) 2-Nitrophenol	10.026	139	33680	40.90	ng		94
27) 2,4-Dimethylphenol	10.079	122	51698	39.90	ng		96
28) bis(2-Chloroethoxy)met...	10.319	93	61242	39.62	ng		95
29) 2,4-Dichlorophenol	10.566	162	60050	40.93	ng		95
30) 1,2,4-Trichlorobenzene	10.784	180	69145	41.01	ng		93
31) Naphthalene	10.977	128	185179	40.74	ng		99
32) Benzoic acid	10.214	122	41876	42.01	ng		96
33) 4-Chloroaniline	11.077	127	78063	40.69	ng		96
34) Hexachlorobutadiene	11.259	225	50635	41.13	ng		91
35) Caprolactam	11.847	113	21617	40.39	ng	#	69
36) 4-Chloro-3-methylphenol	12.200	107	65888	39.99	ng		98
37) 2-Methylnaphthalene	12.581	142	144578	39.95	ng		95
38) 1-Methylnaphthalene	12.799	142	137373	39.80	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	80683	40.90	ng		98
41) Hexachlorocyclopentadiene	12.922	237	49574	43.38	ng		89
43) 2,4,6-Trichlorophenol	13.181	196	56842	41.92	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.251	196	60295	41.56	ng		97
46)	1,1'-Biphenyl	13.580	154	188052	40.44	ng		97
47)	2-Chloronaphthalene	13.627	162	142090	40.11	ng		96
48)	2-Nitroaniline	13.821	65	47576	42.25	ng	#	82
49)	Acenaphthylene	14.473	152	224086	40.35	ng		97
50)	Dimethylphthalate	14.197	163	191244	40.49	ng		99
51)	2,6-Dinitrotoluene	14.315	165	44230	40.93	ng		97
52)	Acenaphthene	14.814	154	162042m	40.34	ng		
53)	3-Nitroaniline	14.644	138	41984	39.62	ng		89
54)	2,4-Dinitrophenol	14.849	184	26246	43.19	ng		87
55)	Dibenzofuran	15.149	168	230307	39.26	ng		96
56)	4-Nitrophenol	14.949	139	36415	42.57	ng		88
57)	2,4-Dinitrotoluene	15.102	165	62352	40.79	ng		96
58)	Fluorene	15.801	166	192245	39.15	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.372	232	57660	40.74	ng		99
60)	Diethylphthalate	15.560	149	197217	40.64	ng	#	97
61)	4-Chlorophenyl-phenyle...	15.789	204	107049	40.52	ng		97
62)	4-Nitroaniline	15.813	138	47580	42.93	ng		95
63)	Azobenzene	16.083	77	187837	39.34	ng		94
65)	4,6-Dinitro-2-methylph...	15.866	198	39893	44.30	ng		96
66)	n-Nitrosodiphenylamine	16.001	169	173198	40.62	ng		98
67)	4-Bromophenyl-phenylether	16.688	248	69015	41.54	ng		93
68)	Hexachlorobenzene	16.806	284	71309	41.11	ng		95
69)	Atrazine	16.947	200	72031	41.42	ng		98
70)	Pentachlorophenol	17.147	266	46007	42.67	ng		94
71)	Phenanthrene	17.546	178	316401	40.67	ng		98
72)	Anthracene	17.640	178	318040	41.02	ng		100
73)	Carbazole	17.905	167	296381	40.31	ng		97
74)	Di-n-butylphthalate	18.457	149	333875	40.65	ng		97
75)	Fluoranthene	19.556	202	387214	40.15	ng		97
77)	Benzidine	19.732	184	199403	41.18	ng		100
78)	Pyrene	19.920	202	389425	39.61	ng		99
80)	Butylbenzylphthalate	20.795	149	146497	40.12	ng		90
81)	Benzo(a)anthracene	21.782	228	383029	40.09	ng		95
82)	3,3'-Dichlorobenzidine	21.688	252	127575	38.87	ng		97
83)	Chrysene	21.847	228	362134	39.72	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.677	149	209544	41.19	ng		98
85)	Di-n-octyl phthalate	22.934	149	361564	40.77	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.974	276	418433	41.51	ng	#	90
88)	Benzo(b)fluoranthene	24.080	252	394076m	42.20	ng		
89)	Benzo(k)fluoranthene	24.150	252	368667	41.06	ng		97
90)	Benzo(a)pyrene	24.985	252	354610	41.20	ng		99
91)	Dibenzo(a,h)anthracene	29.062	278	355115	41.27	ng		98
92)	Benzo(g,h,i)perylene	30.178	276	347120	41.19	ng		92

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

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