Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049602.D
Acq On : 2 Aug 2021 12:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:37 AM

Quant Time: Aug 02 14:49:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:57:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.045	152	25618	20.000	ng		# 0.00
21) Naphthalene-d8	10.871	136	108793	20.000	ng		# 0.00
39) Acenaphthene-d10	14.701	164	75331	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	168233	20.000	ng		# 0.00
76) Chrysene-d12	21.732	240	155915	20.000	ng		0.00
86) Perylene-d12	25.010	264	166297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.590	112	118833	78.700	ng		-0.02
7) Phenol-d6	7.199	99	181115	82.361	ng		-0.01
23) Nitrobenzene-d5	9.214	82	191101	78.701	ng		-0.01
42) 2,4,6-Tribromophenol	16.193	330	89539	88.756	ng		0.00
45) 2-Fluorobiphenyl	13.320	172	412038	78.705	ng		0.00
79) Terphenyl-d14	20.058	244	671679	84.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	25525	37.314	ng		95
3) Pyridine	3.868	79	72404	41.536	ng		95
4) n-Nitrosodimethylamine	3.780	42	40672	47.512	ng	#	86
6) Aniline	7.364	93	96778	40.692	ng		91
8) 2-Chlorophenol	7.610	128	65029	41.999	ng		99
9) Benzaldehyde	7.176	77	55457	37.962	ng		93
10) Phenol	7.229	94	87303	41.678	ng		95
11) bis(2-Chloroethyl)ether	7.458	93	60619	42.245	ng		85
12) 1,3-Dichlorobenzene	7.933	146	73117	39.937	ng		99
13) 1,4-Dichlorobenzene	8.080	146	73169	40.135	ng		97
14) 1,2-Dichlorobenzene	8.403	146	70084	39.795	ng		95
15) Benzyl Alcohol	8.286	79	77171	42.932	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.574	45	67478	40.257	ng		98
17) 2-Methylphenol	8.486	107	58352	41.839	ng		99
18) Hexachloroethane	9.132	117	28443	40.144	ng		98
19) n-Nitroso-di-n-propyla...	8.856	70	63457	43.919	ng		92
20) 3+4-Methylphenols	8.821	107	82937	43.395	ng		98
22) Acetophenone	8.873	105	114681	39.364	ng	#	98
24) Nitrobenzene	9.261	77	103729	40.674	ng		100
25) Isophorone	9.784	82	174584	40.579	ng		97
26) 2-Nitrophenol	9.972	139	37807	40.841	ng	#	88
27) 2,4-Dimethylphenol	10.031	122	57510	38.860	ng		94
28) bis(2-Chloroethoxy)met...	10.266	93	73172	38.120	ng		92
29) 2,4-Dichlorophenol	10.512	162	71004	41.374	ng		96
30) 1,2,4-Trichlorobenzene	10.730	180	74232	38.299	ng		95
31) Naphthalene	10.918	128	221349	38.578	ng		98
32) Benzoic acid	10.183	122	34199	34.112	ng	#	76
33) 4-Chloroaniline	11.023	127	91172	41.639	ng		96
34) Hexachlorobutadiene	11.200	225	54506	39.245	ng		95
35) Caprolactam	11.805	113	22012	41.305	ng		91
36) 4-Chloro-3-methylphenol	12.145	107	82415	40.718	ng	#	90
37) 2-Methylnaphthalene	12.527	142	167868	40.086	ng		92
38) 1-Methylnaphthalene	12.745	142	160922	40.191	ng		91
40) 1,2,4,5-Tetrachloroben...	12.891	216	86668	38.905	ng		98
41) Hexachlorocyclopentadiene	12.874	237	43572	41.356	ng		96
43) 2,4,6-Trichlorophenol	13.132	196	59558	40.992	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	63905	40.659	ng		93
46) 1,1'-Biphenyl	13.532	154	211663	38.327	ng		98
47) 2-Chloronaphthalene	13.579	162	169590	39.980	ng		97
48) 2-Nitroaniline	13.779	65	62644	42.437	ng		87
49) Acenaphthylene	14.425	152	270824	39.378	ng		96
50) Dimethylphthalate	14.149	163	224585	41.039	ng		99
51) 2,6-Dinitrotoluene	14.272	165	49340	41.525	ng		99
52) Acenaphthene	14.765	154	159563	38.439	ng		88
53) 3-Nitroaniline	14.601	138	46671	39.173	ng		85
54) 2,4-Dinitrophenol	14.812	184	24895	43.003	ng		85
55) Dibenzofuran	15.100	168	261052	39.191	ng		95
56) 4-Nitrophenol	14.912	139	35667	37.951	ng		97
57) 2,4-Dinitrotoluene	15.059	165	71288	43.411	ng		91
58) Fluorene	15.746	166	212390	39.349	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.323	232	60139	41.856	ng		99
60) Diethylphthalate	15.511	149	223431	40.646	ng		99
61) 4-Chlorophenyl-phenyle...	15.735	204	112916	41.128	ng		94
62) 4-Nitroaniline	15.770	138	48546	38.713	ng		88
63) Azobenzene	16.028	77	242942	39.909	ng		88
65) 4,6-Dinitro-2-methylph...	15.829	198	41939	46.017	ng		89
66) n-Nitrosodiphenylamine	15.952	169	181895	37.641	ng		95
67) 4-Bromophenyl-phenylether	16.633	248	75879	39.821	ng		96
68) Hexachlorobenzene	16.757	284	84258	39.049	ng		96
69) Atrazine	16.898	200	74098	38.698	ng		94
70) Pentachlorophenol	17.098	266	46622	43.686	ng		96
71) Phenanthrene	17.491	178	340888	37.694	ng		96
72) Anthracene	17.585	178	334325	37.613	ng		98
73) Carbazole	17.855	167	313644	37.098	ng		98
74) Di-n-butylphthalate	18.402	149	362968	37.649	ng		99
75) Fluoranthene	19.500	202	419763	37.279	ng		99
77) Benzidine	19.676	184	165777	38.417	ng	#	95
78) Pyrene	19.864	202	417971	40.843	ng		97
80) Butylbenzylphthalate	20.740	149	156692	42.113	ng		98
81) Benzo(a)anthracene	21.715	228	395017	39.998	ng		97
82) 3,3'-Dichlorobenzidine	21.627	252	114980	40.356	ng		95
83) Chrysene	21.779	228	379026	39.796	ng		100
84) Bis(2-ethylhexyl)phtha...	21.609	149	228859	41.015	ng		95
85) Di-n-octyl phthalate	22.837	149	388814	40.342	ng		98
87) Indeno(1,2,3-cd)pyrene	28.770	276	476954	40.516	ng	#	97
88) Benzo(b)fluoranthene	23.971	252	434634m	40.561	ng		
89) Benzo(k)fluoranthene	24.041	252	395778	39.709	ng		98
90) Benzo(a)pyrene	24.858	252	389945	40.150	ng	#	99
91) Dibenzo(a,h)anthracene	28.835	278	408424	41.313	ng	#	95
92) Benzo(g,h,i)perylene	29.945	276	392407	40.113	ng		94

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

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