Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049963.D
Acq On : 25 Aug 2021 11:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 25 12:48:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.979	152	23338	20.000	ng		# 0.00
21) Naphthalene-d8	10.804	136	91398	20.000	ng		# 0.00
39) Acenaphthene-d10	14.640	164	64686	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	144370	20.000	ng		# 0.00
76) Chrysene-d12	21.672	240	125164	20.000	ng		0.00
86) Perylene-d12	24.915	264	127581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	104681	80.406	ng		0.00
7) Phenol-d6	7.150	99	159312	80.839	ng		0.00
23) Nitrobenzene-d5	9.153	82	161463	78.174	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	78284	82.335	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	361926	81.413	ng		0.00
79) Terphenyl-d14	20.004	244	592859	86.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	19236	33.812	ng		94
3) Pyridine	3.784	79	55470	35.569	ng	#	83
4) n-Nitrosodimethylamine	3.702	42	30141	35.944	ng	#	75
6) Aniline	7.297	93	85946	41.149	ng	#	95
8) 2-Chlorophenol	7.544	128	58244	41.034	ng		99
9) Benzaldehyde	7.115	77	45991	34.975	ng		86
10) Phenol	7.180	94	78212	40.959	ng		90
11) bis(2-Chloroethyl)ether	7.397	93	52606	40.801	ng		91
12) 1,3-Dichlorobenzene	7.867	146	64431	39.634	ng		96
13) 1,4-Dichlorobenzene	8.020	146	66750	40.564	ng		96
14) 1,2-Dichlorobenzene	8.337	146	63768	40.906	ng		93
15) Benzyl Alcohol	8.225	79	66484	40.170	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.507	45	55432	37.838	ng		96
17) 2-Methylphenol	8.437	107	55006	43.744	ng		96
18) Hexachloroethane	9.065	117	26454	41.820	ng		98
19) n-Nitroso-di-n-propyla...	8.789	70	52146	39.541	ng		89
20) 3+4-Methylphenols	8.766	107	73489	41.613	ng		96
22) Acetophenone	8.807	105	99418	40.038	ng	#	95
24) Nitrobenzene	9.195	77	82516	37.861	ng		92
25) Isophorone	9.717	82	145578	39.499	ng		97
26) 2-Nitrophenol	9.911	139	36118	43.424	ng		98
27) 2,4-Dimethylphenol	9.976	122	51369	41.786	ng		96
28) bis(2-Chloroethoxy)met...	10.199	93	67654	41.962	ng	#	91
29) 2,4-Dichlorophenol	10.458	162	64345	42.653	ng		95
30) 1,2,4-Trichlorobenzene	10.663	180	69559	41.877	ng		95
31) Naphthalene	10.851	128	193973	40.524	ng		99
32) Benzoic acid	10.129	122	24270	30.023	ng		83
33) 4-Chloroaniline	10.963	127	80262	42.472	ng		94
34) Hexachlorobutadiene	11.127	225	48208	39.938	ng		97
35) Caprolactam	11.744	113	20426	43.822	ng	#	79
36) 4-Chloro-3-methylphenol	12.102	107	76162	43.707	ng	#	92
37) 2-Methylnaphthalene	12.461	142	149444	41.445	ng		96
38) 1-Methylnaphthalene	12.684	142	141057	41.623	ng		98
40) 1,2,4,5-Tetrachloroben...	12.831	216	80361	42.163	ng		99
41) Hexachlorocyclopentadiene	12.807	237	37748	38.705	ng		98
43) 2,4,6-Trichlorophenol	13.078	196	52965	41.220	ng		91

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44) 2,4,5-Trichlorophenol	13.160	196	56958	40.860	ng		93
46) 1,1'-Biphenyl	13.471	154	186805	40.547	ng		99
47) 2-Chloronaphthalene	13.518	162	150397	40.871	ng		98
48) 2-Nitroaniline	13.724	65	53448	39.556	ng		92
49) Acenaphthylene	14.364	152	236101	40.482	ng		94
50) Dimethylphthalate	14.088	163	198892	40.753	ng	#	98
51) 2,6-Dinitrotoluene	14.217	165	45034	41.910	ng		87
52) Acenaphthene	14.705	154	144843	41.227	ng		96
53) 3-Nitroaniline	14.552	138	44745	42.699	ng		95
54) 2,4-Dinitrophenol	14.775	184	21951	35.983	ng		92
55) Dibenzofuran	15.040	168	230670	40.472	ng		98
56) 4-Nitrophenol	14.887	139	29062	37.962	ng	#	76
57) 2,4-Dinitrotoluene	15.010	165	67298	44.591	ng	#	94
58) Fluorene	15.692	166	191641	41.368	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.275	232	48713	37.625	ng		96
60) Diethylphthalate	15.451	149	204497	41.662	ng		96
61) 4-Chlorophenyl-phenyle...	15.680	204	99380	40.193	ng		97
62) 4-Nitroaniline	15.721	138	48772	45.246	ng	#	82
63) Azobenzene	15.974	77	196999	37.919	ng		88
65) 4,6-Dinitro-2-methylph...	15.786	198	38740	41.746	ng		92
66) n-Nitrosodiphenylamine	15.897	169	169045	41.440	ng		95
67) 4-Bromophenyl-phenylether	16.573	248	71004	41.760	ng		96
68) Hexachlorobenzene	16.702	284	75377	39.902	ng		96
69) Atrazine	16.843	200	70729	43.345	ng		94
70) Pentachlorophenol	17.055	266	37107	36.633	ng		95
71) Phenanthrene	17.436	178	309282	40.719	ng		96
72) Anthracene	17.530	178	304616	40.836	ng		97
73) Carbazole	17.801	167	294000	41.614	ng		98
74) Di-n-butylphthalate	18.347	149	342731	41.615	ng	#	97
75) Fluoranthene	19.451	202	369219	39.503	ng		97
77) Benzidine	19.628	184	149775	46.703	ng		99
78) Pyrene	19.816	202	366856	42.992	ng		98
80) Butylbenzylphthalate	20.685	149	136943	42.139	ng		97
81) Benzo(a)anthracene	21.654	228	332931	40.845	ng		98
82) 3,3'-Dichlorobenzidine	21.566	252	97621	41.018	ng		100
83) Chrysene	21.719	228	321701	41.287	ng		98
84) Bis(2-ethylhexyl)phtha...	21.543	149	181930	39.549	ng		92
85) Di-n-octyl phthalate	22.753	149	297057	38.225	ng		99
87) Indeno(1,2,3-cd)pyrene	28.627	276	369018	40.107	ng		98
88) Benzo(b)fluoranthene	23.881	252	335233	40.064	ng		94
89) Benzo(k)fluoranthene	23.951	252	313494	40.166	ng		97
90) Benzo(a)pyrene	24.762	252	308748	40.773	ng	#	99
91) Dibenzo(a,h)anthracene	28.680	278	321466	41.462	ng	#	96
92) Benzo(g,h,i)perylene	29.796	276	307717	40.511	ng		99

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

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