Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
Data File : BG051875.D
Acq On : 5 Jan 2022 11:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:17:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 06:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.259	152	22203	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	94568	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	69485	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	183994	20.000	ng		0.00
76) Chrysene-d12	21.959	240	197061	20.000	ng		0.00
86) Perylene-d12	25.442	264	202331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.786	112	16956	11.805	ng		0.00
7) Phenol-d6	7.402	99	25209	12.461	ng		0.00
23) Nitrobenzene-d5	9.428	82	28547	13.780	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	10604	14.358	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	61944	13.452	ng		0.00
79) Terphenyl-d14	20.231	244	138028	12.805	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	4421	7.341	ng	#	84
3) Pyridine	4.042	79	11147	6.221	ng	#	93
4) n-Nitrosodimethylamine	3.936	42	6716	8.718	ng	#	75
6) Aniline	7.572	93	15004	6.244	ng		92
8) 2-Chlorophenol	7.819	128	8794	5.834	ng		92
9) Benzaldehyde	7.384	77	9712	6.636	ng		87
10) Phenol	7.425	94	12103	5.828	ng		95
11) bis(2-Chloroethyl)ether	7.666	93	9901	6.306	ng		97
12) 1,3-Dichlorobenzene	8.148	146	10404	6.451	ng		93
13) 1,4-Dichlorobenzene	8.301	146	10118	6.052	ng		91
14) 1,2-Dichlorobenzene	8.624	146	10453	6.591	ng		95
15) Benzyl Alcohol	8.494	79	9419	5.828	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.788	45	15589	6.869	ng		95
17) 2-Methylphenol	8.694	107	8369	5.969	ng	#	79
18) Hexachloroethane	9.364	117	3756	6.012	ng	#	87
19) n-Nitroso-di-n-propyla...	9.058	70	9692	6.491	ng	#	87
20) 3+4-Methylphenols	9.029	107	11159	5.585	ng		96
22) Acetophenone	9.088	105	15329	6.000	ng	#	90
24) Nitrobenzene	9.475	77	13888	6.912	ng		97
25) Isophorone	9.998	82	23213	6.224	ng		97
26) 2-Nitrophenol	10.192	139	4651	5.114	ng		86
27) 2,4-Dimethylphenol	10.245	122	7941	5.915	ng		87
28) bis(2-Chloroethoxy)met...	10.480	93	13307	5.992	ng	#	99
29) 2,4-Dichlorophenol	10.744	162	8922	5.889	ng		82
30) 1,2,4-Trichlorobenzene	10.956	180	10747	6.315	ng		99
31) Naphthalene	11.150	128	29363	5.884	ng		97
33) 4-Chloroaniline	11.250	127	12634	5.891	ng	#	91
34) Hexachlorobutadiene	11.438	225	8093	7.702	ng		92
35) Caprolactam	11.984	113	3496	8.640	ng	#	79
36) 4-Chloro-3-methylphenol	12.354	107	10537	5.633	ng	#	78
37) 2-Methylnaphthalene	12.742	142	22632	6.402	ng		99
38) 1-Methylnaphthalene	12.959	142	21316	6.176	ng		93
40) 1,2,4,5-Tetrachloroben...	13.106	216	13681	6.478	ng		98
41) Hexachlorocyclopentadiene	13.088	237	7412	17.255	ng		97
43) 2,4,6-Trichlorophenol	13.335	196	8602	5.908	ng		96
44) 2,4,5-Trichlorophenol	13.411	196	9844	6.255	ng		86

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Quant Time: Jan 07 06:17:52 2022
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.734	154	30971	6.201	ng		93
47) 2-Chloronaphthalene	13.781	162	24174	6.113	ng		94
48) 2-Nitroaniline	13.969	65	8479	5.933	ng		96
49) Acenaphthylene	14.621	152	37868	6.006	ng		99
50) Dimethylphthalate	14.334	163	33612	6.279	ng	#	93
51) 2,6-Dinitrotoluene	14.457	165	6777	6.061	ng		92
52) Acenaphthene	14.962	154	23860	6.484	ng		99
53) 3-Nitroaniline	14.786	138	7261	5.797	ng		99
54) 2,4-Dinitrophenol	14.992	184	3071	5.465	ng	#	85
55) Dibenzofuran	15.291	168	40714	6.371	ng		98
56) 4-Nitrophenol	15.086	139	5470	6.208	ng	#	83
57) 2,4-Dinitrotoluene	15.238	165	9386	5.860	ng	#	96
58) Fluorene	15.943	166	33658	6.709	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	15.514	232	9466	7.006	ng	#	94
60) Diethylphthalate	15.691	149	36584	6.480	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.920	204	18828	6.864	ng		93
62) 4-Nitroaniline	15.943	138	8038	6.001	ng		94
63) Azobenzene	16.219	77	36557	6.466	ng		98
65) 4,6-Dinitro-2-methylph...	16.008	198	5625	5.119	ng		87
66) n-Nitrosodiphenylamine	16.137	169	29816	5.647	ng		95
67) 4-Bromophenyl-phenylether	16.824	248	12005	6.033	ng		92
68) Hexachlorobenzene	16.948	284	13621	6.734	ng		96
69) Atrazine	17.077	200	13521	9.629	ng		88
70) Pentachlorophenol	17.288	266	5861	6.374	ng	#	80
71) Phenanthrene	17.682	178	55729	5.635	ng		98
72) Anthracene	17.776	178	53894	5.493	ng		97
73) Carbazole	18.040	167	54558	5.654	ng		99
74) Di-n-butylphthalate	18.587	149	61738	5.284	ng		97
75) Fluoranthene	19.685	202	74466	6.108	ng		98
77) Benzidine	19.856	184	31756	9.814	ng		98
78) Pyrene	20.044	202	78316	5.480	ng		96
80) Butylbenzylphthalate	20.919	149	26020	4.271	ng		97
81) Benzo(a)anthracene	21.935	228	78016	5.805	ng		98
82) 3,3'-Dichlorobenzidine	21.841	252	26004	4.330	ng		98
83) Chrysene	22.006	228	73881	5.855	ng		97
84) Bis(2-ethylhexyl)phtha...	21.823	149	35959	4.237	ng		99
85) Di-n-octyl phthalate	23.128	149	61015	4.291	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.443	276	83572	5.755	ng		98
88) Benzo(b)fluoranthene	24.326	252	71706m	5.749	ng		
89) Benzo(k)fluoranthene	24.396	252	73375	5.799	ng		95
90) Benzo(a)pyrene	25.272	252	61408	5.674	ng		96
91) Dibenzo(a,h)anthracene	29.525	278	71778	6.000	ng	#	95
92) Benzo(g,h,i)perylene	30.700	276	69095	5.840	ng		98

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

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