Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
Data File : BG052302.D
Acq On : 7 Feb 2022 13:01
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 07 15:37:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:36:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.228	152	22195	20.000	ng		0.00
21) Naphthalene-d8	11.065	136	91709	20.000	ng		0.00
39) Acenaphthene-d10	14.872	164	70753	20.000	ng		0.00
64) Phenanthrene-d10	17.621	188	182486	20.000	ng		0.00
76) Chrysene-d12	21.933	240	206683	20.000	ng		0.00
86) Perylene-d12	25.405	264	201380	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	13050	9.311	ng		0.00
7) Phenol-d6	7.364	99	19911	9.472	ng		0.00
23) Nitrobenzene-d5	9.397	82	22536	9.459	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	9948	9.321	ng		0.00
45) 2-Fluorobiphenyl	13.491	172	56656	10.743	ng		0.00
79) Terphenyl-d14	20.212	244	126293	10.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	3388	5.073	ng		91
3) Pyridine	4.004	79	8261	4.208	ng		87
4) n-Nitrosodimethylamine	3.904	42	4931	4.482	ng	#	83
6) Aniline	7.535	93	11342	4.631	ng		94
8) 2-Chlorophenol	7.782	128	7494	5.189	ng		87
9) Benzaldehyde	7.347	77	7162	4.433	ng		99
10) Phenol	7.400	94	10135	4.920	ng		95
11) bis(2-Chloroethyl)ether	7.623	93	8573	5.501	ng		89
12) 1,3-Dichlorobenzene	8.110	146	8880	5.284	ng		96
13) 1,4-Dichlorobenzene	8.269	146	8993	5.403	ng		92
14) 1,2-Dichlorobenzene	8.592	146	8890	5.443	ng		97
15) Benzyl Alcohol	8.457	79	8130	4.646	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.751	45	13107	5.260	ng		97
17) 2-Methylphenol	8.663	107	6582	4.807	ng	#	88
18) Hexachloroethane	9.332	117	3170	5.305	ng	#	88
19) n-Nitroso-di-n-propyla...	9.027	70	8069	5.031	ng		94
20) 3+4-Methylphenols	8.998	107	8984	4.699	ng		83
22) Acetophenone	9.050	105	13437	5.200	ng	#	94
24) Nitrobenzene	9.438	77	10403	4.616	ng	#	97
25) Isophorone	9.961	82	19313	4.847	ng		97
26) 2-Nitrophenol	10.167	139	3991	4.619	ng	#	84
27) 2,4-Dimethylphenol	10.214	122	6569	4.989	ng	#	79
28) bis(2-Chloroethoxy)met...	10.443	93	11302	5.075	ng		98
29) 2,4-Dichlorophenol	10.707	162	8028	5.213	ng		91
30) 1,2,4-Trichlorobenzene	10.930	180	9368	5.089	ng	#	93
31) Naphthalene	11.112	128	26461	5.331	ng		96
33) 4-Chloroaniline	11.224	127	9806	4.568	ng		97
34) Hexachlorobutadiene	11.400	225	6873	5.300	ng	#	89
35) Caprolactam	11.952	113	2801	4.521	ng	#	67
36) 4-Chloro-3-methylphenol	12.328	107	8567	4.623	ng		97
37) 2-Methylnaphthalene	12.710	142	20037	5.380	ng		95
38) 1-Methylnaphthalene	12.928	142	18997	5.296	ng		90
40) 1,2,4,5-Tetrachloroben...	13.080	216	12540	5.253	ng		98
43) 2,4,6-Trichlorophenol	13.309	196	7050	4.345	ng		91
44) 2,4,5-Trichlorophenol	13.392	196	8065	4.575	ng	#	91
46) 1,1'-Biphenyl	13.703	154	27990	5.232	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.750	162	21607	5.170	ng		96
48) 2-Nitroaniline	13.944	65	7287	4.509	ng		96
49) Acenaphthylene	14.596	152	34512	5.154	ng		99
50) Dimethylphthalate	14.308	163	29854	5.120	ng	#	95
51) 2,6-Dinitrotoluene	14.425	165	6056	4.925	ng		92
52) Acenaphthene	14.931	154	22474m	5.073	ng		
53) 3-Nitroaniline	14.766	138	5811	4.352	ng		87
55) Dibenzofuran	15.271	168	38477	5.520	ng		96
56) 4-Nitrophenol	15.072	139	4110	3.875	ng	#	79
57) 2,4-Dinitrotoluene	15.219	165	7872	4.484	ng	#	95
58) Fluorene	15.918	166	29132	5.119	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.495	232	7969	4.633	ng	#	94
60) Diethylphthalate	15.665	149	29844	4.911	ng		97
61) 4-Chlorophenyl-phenyle...	15.900	204	17135	5.297	ng		95
62) 4-Nitroaniline	15.923	138	6591	4.640	ng	#	72
63) Azobenzene	16.194	77	31389	4.907	ng		97
65) 4,6-Dinitro-2-methylph...	15.988	198	4352	3.730	ng		98
66) n-Nitrosodiphenylamine	16.111	169	25477	4.979	ng		95
67) 4-Bromophenyl-phenylether	16.799	248	11223	5.115	ng		92
68) Hexachlorobenzene	16.928	284	13310	5.654	ng	#	92
69) Atrazine	17.051	200	11101	4.987	ng		90
71) Phenanthrene	17.662	178	50812	5.322	ng		99
72) Anthracene	17.756	178	49772	5.341	ng		97
73) Carbazole	18.021	167	48074	5.154	ng		96
74) Di-n-butylphthalate	18.561	149	51063	4.890	ng	#	96
75) Fluoranthene	19.665	202	67592	5.413	ng		99
77) Benzidine	19.830	184	19671	3.294	ng		99
78) Pyrene	20.024	202	68933	4.861	ng		99
80) Butylbenzylphthalate	20.893	149	22060	4.361	ng		93
81) Benzo(a)anthracene	21.915	228	71120	5.013	ng		98
82) 3,3'-Dichlorobenzidine	21.815	252	22226	4.295	ng		97
83) Chrysene	21.980	228	69246	5.183	ng		97
84) Bis(2-ethylhexyl)phtha...	21.798	149	30397	4.276	ng		93
85) Di-n-octyl phthalate	23.090	149	50044	4.186	ng	#	97
87) Indeno(1,2,3-cd)pyrene	29.393	276	76162	5.223	ng	#	57
88) Benzo(b)fluoranthene	24.294	252	63751m	5.012	ng		
89) Benzo(k)fluoranthene	24.365	252	64070	5.090	ng		99
90) Benzo(a)pyrene	25.240	252	54490	5.044	ng		97
91) Dibenzo(a,h)anthracene	29.458	278	62864	5.213	ng	#	89
92) Benzo(g,h,i)perylene	30.639	276	61260	5.178	ng	#	97

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

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