Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
Data File : BG057758.D
Acq On : 19 Jun 2023 16:53
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 03:13:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:06:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	38233	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	175982	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	127733	20.000	ng		0.00
64) Phenanthrene-d10	17.307	188	296619	20.000	ng		0.00
76) Chrysene-d12	21.561	240	237985	20.000	ng		0.00
86) Perylene-d12	24.704	264	294026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	236983	95.573	ng		0.00
7) Phenol-d6	7.090	99	371575	98.210	ng		0.00
23) Nitrobenzene-d5	9.093	82	343437	100.160	ng		0.00
42) 2,4,6-Tribromophenol	16.050	330	174363	97.995	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	780372	92.664	ng		0.00
79) Terphenyl-d14	19.922	244	1190447	93.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	51549	45.671	ng		99
3) Pyridine	3.799	79	167073	48.589	ng		95
4) n-Nitrosodimethylamine	3.717	42	74636	47.515	ng		98
6) Aniline	7.254	93	238423	49.216	ng		100
8) 2-Chlorophenol	7.495	128	123031	48.231	ng		99
9) Benzaldehyde	7.066	77	96733	40.661	ng		98
10) Phenol	7.113	94	182980	49.119	ng		99
11) bis(2-Chloroethyl)ether	7.354	93	138093	48.215	ng		99
12) 1,3-Dichlorobenzene	7.818	146	122732	47.277	ng		96
13) 1,4-Dichlorobenzene	7.965	146	125888	47.859	ng		95
14) 1,2-Dichlorobenzene	8.282	146	120689	47.418	ng		95
15) Benzyl Alcohol	8.165	79	143742	49.686	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.453	45	265284m	48.179	ng		
17) 2-Methylphenol	8.365	107	134922	49.244	ng		99
18) Hexachloroethane	9.011	117	44132	47.581	ng		94
19) n-Nitroso-di-n-propyla...	8.735	70	129181	48.974	ng		99
20) 3+4-Methylphenols	8.694	107	188649	49.846	ng		99
22) Acetophenone	8.752	105	233036	47.222	ng	#	97
24) Nitrobenzene	9.134	77	175802	49.263	ng		97
25) Isophorone	9.657	82	383099	48.903	ng		99
26) 2-Nitrophenol	9.845	139	65000	57.252	ng		94
27) 2,4-Dimethylphenol	9.898	122	135791	48.309	ng		95
28) bis(2-Chloroethoxy)met...	10.139	93	203084	48.139	ng		99
29) 2,4-Dichlorophenol	10.374	162	133826	50.136	ng		98
30) 1,2,4-Trichlorobenzene	10.591	180	142032	47.737	ng		98
31) Naphthalene	10.785	128	443933	47.397	ng		99
32) Benzoic acid	10.051	122	108786	52.250	ng		97
33) 4-Chloroaniline	10.891	127	210609	48.530	ng		98
34) Hexachlorobutadiene	11.067	225	87011	47.934	ng		98
35) Caprolactam	11.678	113	52847	48.790	ng		92
36) 4-Chloro-3-methylphenol	12.007	107	174410	50.030	ng		97
37) 2-Methylnaphthalene	12.389	142	328463	48.112	ng		99
38) 1-Methylnaphthalene	12.607	142	311354	48.312	ng		99
40) 1,2,4,5-Tetrachloroben...	12.754	216	169884	47.975	ng		99
41) Hexachlorocyclopentadiene	12.736	237	95360	50.724	ng		99
43) 2,4,6-Trichlorophenol	12.994	196	125070	49.327	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	148435	50.223	ng		99
46) 1,1'-Biphenyl	13.400	154	409715	46.715	ng		98
47) 2-Chloronaphthalene	13.441	162	319826	47.466	ng		98
48) 2-Nitroaniline	13.641	65	128323	53.592	ng		96
49) Acenaphthylene	14.287	152	548316	47.411	ng		98
50) Dimethylphthalate	14.023	163	460469	46.936	ng		99
51) 2,6-Dinitrotoluene	14.134	165	94425	52.267	ng		98
52) Acenaphthene	14.628	154	343094m	47.920	ng		
53) 3-Nitroaniline	14.469	138	103953	51.059	ng		92
54) 2,4-Dinitrophenol	14.663	184	43295	47.392	ng		96
55) Dibenzofuran	14.963	168	539525	46.865	ng		100
56) 4-Nitrophenol	14.763	139	82848	51.204	ng		97
57) 2,4-Dinitrotoluene	14.922	165	129695	52.939	ng		98
58) Fluorene	15.609	166	420322	46.124	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	121598	48.276	ng		98
60) Diethylphthalate	15.386	149	470820	46.778	ng		99
61) 4-Chlorophenyl-phenyle...	15.603	204	227320	46.913	ng		98
62) 4-Nitroaniline	15.633	138	103226	49.734	ng		94
63) Azobenzene	15.897	77	478457	46.472	ng		99
65) 4,6-Dinitro-2-methylph...	15.680	198	65465	48.039	ng		98
66) n-Nitrosodiphenylamine	15.815	169	377171	48.178	ng		98
67) 4-Bromophenyl-phenylether	16.496	248	151985	48.315	ng		97
68) Hexachlorobenzene	16.608	284	155562	48.509	ng		99
69) Atrazine	16.767	200	126626	47.119	ng		97
70) Pentachlorophenol	16.949	266	124580	52.584	ng		97
71) Phenanthrene	17.348	178	672711	46.840	ng		99
72) Anthracene	17.436	178	692017	47.188	ng		99
73) Carbazole	17.707	167	629645	46.565	ng		100
74) Di-n-butylphthalate	18.271	149	764405	47.744	ng		99
75) Fluoranthene	19.358	202	787701	46.040	ng		99
77) Benzidine	19.540	184	271171	48.609	ng		99
78) Pyrene	19.722	202	808604	47.630	ng		99
80) Butylbenzylphthalate	20.609	149	328657	50.891	ng		99
81) Benzo(a)anthracene	21.537	228	785006	48.077	ng		99
82) 3,3'-Dichlorobenzidine	21.461	252	270600	48.727	ng		98
83) Chrysene	21.608	228	750695	47.907	ng		100
84) Bis(2-ethylhexyl)phtha...	21.455	149	456459	48.682	ng		99
85) Di-n-octyl phthalate	22.648	149	826369	50.248	ng		100
87) Indeno(1,2,3-cd)pyrene	28.294	276	941402	48.971	ng	#	94
88) Benzo(b)fluoranthene	23.711	252	774249	48.053	ng		98
89) Benzo(k)fluoranthene	23.776	252	794374	48.408	ng		99
90) Benzo(a)pyrene	24.563	252	769478	48.628	ng		98
91) Dibenzo(a,h)anthracene	28.371	278	775451	48.617	ng		99
92) Benzo(g,h,i)perylene	29.434	276	782985	49.026	ng		98

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

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