Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055318.D
Acq On : 27 Oct 2022 10:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 27 15:19:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	29599	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	133901	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	96743	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	220825	20.000	ng	0.00
76) Chrysene-d12	21.908	240	197585	20.000	ng	0.00
86) Perylene-d12	25.310	264	213691	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	133061	78.714	ng	0.00
7) Phenol-d6	7.413	99	192633	78.656	ng	0.00
23) Nitrobenzene-d5	9.446	82	206564	78.773	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	94764	90.107	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	485513	82.142	ng	0.00
79) Terphenyl-d14	20.198	244	781032	82.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	28454	34.861	ng	98
3) Pyridine	4.023	79	93683	38.114	ng	96
4) n-Nitrosodimethylamine	3.929	42	37289	34.147	ng	97
6) Aniline	7.583	93	124169	38.729	ng	99
8) 2-Chlorophenol	7.830	128	79484	40.444	ng	97
9) Benzaldehyde	7.395	77	58159	34.781	ng	97
10) Phenol	7.442	94	109099	39.771	ng	99
11) bis(2-Chloroethyl)ether	7.677	93	80631	38.938	ng	99
12) 1,3-Dichlorobenzene	8.159	146	88208	41.136	ng	98
13) 1,4-Dichlorobenzene	8.312	146	90126	41.149	ng	98
14) 1,2-Dichlorobenzene	8.635	146	85548	40.568	ng	97
15) Benzyl Alcohol	8.506	79	81329	39.684	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.788	45	123171	36.346	ng	98
17) 2-Methylphenol	8.711	107	77498	39.947	ng	97
18) Hexachloroethane	9.369	117	31732	40.687	ng	92
19) n-Nitroso-di-n-propyla...	9.076	70	79171	38.929	ng	97
20) 3+4-Methylphenols	9.040	107	111520	40.135	ng	99
22) Acetophenone	9.099	105	136980	40.014	ng	97
24) Nitrobenzene	9.493	77	107923	39.526	ng	97
25) Isophorone	10.010	82	206851	39.054	ng	96
26) 2-Nitrophenol	10.204	139	52156	43.620	ng	96
27) 2,4-Dimethylphenol	10.251	122	78952	42.296	ng	96
28) bis(2-Chloroethoxy)met...	10.486	93	109405	40.911	ng	99
29) 2,4-Dichlorophenol	10.744	162	88758	44.324	ng	99
30) 1,2,4-Trichlorobenzene	10.962	180	91573	44.806	ng	99
31) Naphthalene	11.156	128	292671	40.972	ng	100
32) Benzoic acid	10.404	122	49192	36.015	ng	96
33) 4-Chloroaniline	11.255	127	126330	41.367	ng	99
34) Hexachlorobutadiene	11.426	225	54683	46.828	ng	97
35) Caprolactam	12.031	113	35123	37.792	ng	99
36) 4-Chloro-3-methylphenol	12.360	107	104998	41.670	ng	98
37) 2-Methylnaphthalene	12.742	142	214794	41.706	ng	99
38) 1-Methylnaphthalene	12.953	142	209170	41.168	ng	98
40) 1,2,4,5-Tetrachloroben...	13.100	216	102411	43.890	ng	99
41) Hexachlorocyclopentadiene	13.071	237	40947	38.547	ng	99
43) 2,4,6-Trichlorophenol	13.335	196	76534	44.410	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.412	196	85884	45.056	ng		97
46) 1,1'-Biphenyl	13.729	154	273677	41.246	ng		99
47) 2-Chloronaphthalene	13.776	162	219154	41.885	ng		96
48) 2-Nitroaniline	13.976	65	79041	38.627	ng		95
49) Acenaphthylene	14.616	152	364165	40.318	ng		100
50) Dimethylphthalate	14.328	163	312130	41.093	ng		99
51) 2,6-Dinitrotoluene	14.458	165	65495	42.374	ng		92
52) Acenaphthene	14.951	154	236158m	41.018	ng		
53) 3-Nitroaniline	14.787	138	77402	39.844	ng		99
54) 2,4-Dinitrophenol	14.998	184	34121	39.855	ng		91
55) Dibenzofuran	15.286	168	352797	40.844	ng		98
56) 4-Nitrophenol	15.092	139	54449	39.187	ng		97
57) 2,4-Dinitrotoluene	15.239	165	94021	41.918	ng		95
58) Fluorene	15.926	166	288288	40.112	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.509	232	72634	42.743	ng		97
60) Diethylphthalate	15.674	149	328995	40.718	ng		98
61) 4-Chlorophenyl-phenyle...	15.909	204	142934	43.278	ng		96
62) 4-Nitroaniline	15.944	138	81395	39.871	ng		97
63) Azobenzene	16.203	77	301038	38.244	ng		98
65) 4,6-Dinitro-2-methylph...	16.003	198	55678	45.865	ng		92
66) n-Nitrosodiphenylamine	16.126	169	256890	41.795	ng		99
67) 4-Bromophenyl-phenylether	16.802	248	96555	45.005	ng		97
68) Hexachlorobenzene	16.931	284	108002	44.523	ng		95
69) Atrazine	17.055	200	92076	44.055	ng		98
70) Pentachlorophenol	17.272	266	52496	39.633	ng		98
71) Phenanthrene	17.666	178	481077	40.850	ng		100
72) Anthracene	17.754	178	470615	40.877	ng		100
73) Carbazole	18.018	167	443923	40.089	ng		99
74) Di-n-butylphthalate	18.547	149	565883	40.881	ng		100
75) Fluoranthene	19.657	202	535666	39.035	ng		98
77) Benzidine	19.822	184	183496	38.355	ng		98
78) Pyrene	20.016	202	544444	40.201	ng		99
80) Butylbenzylphthalate	20.868	149	238535	37.272	ng		94
81) Benzo(a)anthracene	21.884	228	514682	38.791	ng		100
82) 3,3'-Dichlorobenzidine	21.784	252	178484	41.303	ng		98
83) Chrysene	21.955	228	489199	38.815	ng		99
84) Bis(2-ethylhexyl)phtha...	21.743	149	342674	37.482	ng		98
85) Di-n-octyl phthalate	23.012	149	580154	38.091	ng		97
87) Indeno(1,2,3-cd)pyrene	29.234	276	649899	41.177	ng	#	93
88) Benzo(b)fluoranthene	24.217	252	517255	40.241	ng		98
89) Benzo(k)fluoranthene	24.293	252	515954	39.752	ng		96
90) Benzo(a)pyrene	25.151	252	442188	40.115	ng		98
91) Dibenzo(a,h)anthracene	29.299	278	540294	41.715	ng		98
92) Benzo(g,h,i)perylene	30.474	276	527426	41.055	ng		97

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

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