Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
Data File : BG056129.D
Acq On : 27 Dec 2022 16:58
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:54:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 04:51:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.338	152	40608	20.000	ng		0.00
21) Naphthalene-d8	11.169	136	162329	20.000	ng		0.00
39) Acenaphthene-d10	14.947	164	143990	20.000	ng		0.00
64) Phenanthrene-d10	17.679	188	389214	20.000	ng		0.00
76) Chrysene-d12	21.974	240	380242	20.000	ng		0.00
86) Perylene-d12	25.423	264	417769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.852	112	93989	54.280	ng		0.00
7) Phenol-d6	7.468	99	144629	64.943	ng		0.00
23) Nitrobenzene-d5	9.513	82	130103	56.009	ng		0.00
42) 2,4,6-Tribromophenol	16.422	330	74388	21.425	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	417747	40.689	ng		0.00
79) Terphenyl-d14	20.253	244	866677	40.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.678	88	21725m	43.113	ng		
3) Pyridine	4.095	79	68207	41.129	ng		96
4) n-Nitrosodimethylamine	4.007	42	13404	8.991	ng	#	97
6) Aniline	7.650	93	94653	35.499	ng		98
8) 2-Chlorophenol	7.891	128	46957	21.020	ng		93
9) Benzaldehyde	7.462	77	44981	32.161	ng		98
10) Phenol	7.491	94	73308	30.077	ng		94
11) bis(2-Chloroethyl)ether	7.738	93	52185	32.870	ng		98
12) 1,3-Dichlorobenzene	8.226	146	56188	19.444	ng		94
13) 1,4-Dichlorobenzene	8.373	146	56599	19.165	ng		96
14) 1,2-Dichlorobenzene	8.696	146	55812	19.775	ng		97
15) Benzyl Alcohol	8.567	79	52386	22.638	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.855	45	8759	4.239	ng		89
17) 2-Methylphenol	8.766	107	53905	28.109	ng		93
18) Hexachloroethane	9.436	117	17452	19.468	ng		92
19) n-Nitroso-di-n-propyla...	9.137	70	44170	27.670	ng		98
20) 3+4-Methylphenols	9.090	107	74649	27.278	ng		98
22) Acetophenone	9.160	105	92836	23.070	ng		97
24) Nitrobenzene	9.548	77	63241	27.048	ng		99
25) Isophorone	10.071	82	134386	27.590	ng		99
26) 2-Nitrophenol	10.265	139	31704	22.905	ng		99
27) 2,4-Dimethylphenol	10.312	122	60320	25.949	ng		97
28) bis(2-Chloroethoxy)met...	10.547	93	73122	33.967	ng	#	98
29) 2,4-Dichlorophenol	10.799	162	64460	19.537	ng		98
30) 1,2,4-Trichlorobenzene	11.028	180	73297	17.090	ng		99
31) Naphthalene	11.222	128	172775	20.172	ng		98
32) Benzoic acid	10.394	122	46134	25.727	ng		95
33) 4-Chloroaniline	11.316	127	81286	22.138	ng		99
34) Hexachlorobutadiene	11.498	225	53071	13.162	ng		98
35) Caprolactam	12.063	113	23561	25.630	ng		95
36) 4-Chloro-3-methylphenol	12.403	107	67704	21.884	ng		96
37) 2-Methylnaphthalene	12.803	142	142586	18.842	ng		99
38) 1-Methylnaphthalene	13.014	142	136981	18.581	ng		95
40) 1,2,4,5-Tetrachloroben...	13.155	216	108015	17.780	ng		99
41) Hexachlorocyclopentadiene	13.138	237	59739	17.333	ng		96
43) 2,4,6-Trichlorophenol	13.385	196	71184	19.794	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.455	196	83267	20.540	ng		99
46) 1,1'-Biphenyl	13.784	154	208463	21.359	ng		99
47) 2-Chloronaphthalene	13.837	162	160877	20.286	ng		99
48) 2-Nitroaniline	14.025	65	35104	26.462	ng		97
49) Acenaphthylene	14.671	152	265093	20.942	ng		99
50) Dimethylphthalate	14.383	163	241055	19.364	ng		97
51) 2,6-Dinitrotoluene	14.507	165	49255	25.568	ng		96
52) Acenaphthene	15.012	154	173041	20.362	ng		99
53) 3-Nitroaniline	14.836	138	47310	24.144	ng		95
54) 2,4-Dinitrophenol	15.036	184	35907	25.072	ng		96
55) Dibenzofuran	15.335	168	290124	20.302	ng		99
56) 4-Nitrophenol	15.118	139	36868	23.479	ng		89
57) 2,4-Dinitrotoluene	15.288	165	70249	24.158	ng		94
58) Fluorene	15.987	166	233762	20.011	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.558	232	81990	17.704	ng	#	98
60) Diethylphthalate	15.729	149	220798	18.146	ng		99
61) 4-Chlorophenyl-phenyle...	15.964	204	144980	18.218	ng		96
62) 4-Nitroaniline	15.987	138	49914	23.391	ng		92
63) Azobenzene	16.258	77	173725	23.458	ng		97
65) 4,6-Dinitro-2-methylph...	16.046	198	52373	28.168	ng		97
66) n-Nitrosodiphenylamine	16.175	169	216417	21.218	ng		98
67) 4-Bromophenyl-phenylether	16.857	248	98820	17.327	ng		96
68) Hexachlorobenzene	16.986	284	91566	13.035	ng		100
69) Atrazine	17.110	200	90393	19.573	ng		99
70) Pentachlorophenol	17.321	266	70361	17.520	ng		96
71) Phenanthrene	17.721	178	406188	19.914	ng		99
72) Anthracene	17.815	178	423455	20.985	ng		98
73) Carbazole	18.073	167	352090	21.156	ng		99
74) Di-n-butylphthalate	18.608	149	355389	18.362	ng		99
75) Fluoranthene	19.712	202	539062	18.874	ng		99
77) Benzidine	19.877	184	265540	39.765	ng		99
78) Pyrene	20.071	202	541364	23.529	ng		99
80) Butylbenzylphthalate	20.929	149	152503	23.391	ng		96
81) Benzo(a)anthracene	21.951	228	532675	19.908	ng		99
82) 3,3'-Dichlorobenzidine	21.851	252	191986	19.943	ng		98
83) Chrysene	22.021	228	499820	19.931	ng		99
84) Bis(2-ethylhexyl)phtha...	21.822	149	214945	22.190	ng		98
85) Di-n-octyl phthalate	23.108	149	371119	22.586	ng		100
87) Indeno(1,2,3-cd)pyrene	29.407	276	604461	17.993	ng	#	97
88) Benzo(b)fluoranthene	24.319	252	536655m	19.849	ng		
89) Benzo(k)fluoranthene	24.395	252	520150	19.282	ng		100
90) Benzo(a)pyrene	25.259	252	513781	22.481	ng		97
91) Dibenzo(a,h)anthracene	29.472	278	510236	18.146	ng		98
92) Benzo(g,h,i)perylene	30.647	276	492382	18.111	ng		96

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

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