Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055957.D
Acq On : 14 Dec 2022 13:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 00:48:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.372	152	5105	20.000	ng		0.00
21) Naphthalene-d8	11.204	136	19803	20.000	ng	#	0.00
39) Acenaphthene-d10	14.976	164	19762	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	58083	20.000	ng		0.00
76) Chrysene-d12	22.021	240	63216	20.000	ng		0.00
86) Perylene-d12	25.505	264	79021	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.881	112	17606	80.880	ng		0.00
7) Phenol-d6	7.496	99	23510	83.974	ng		0.00
23) Nitrobenzene-d5	9.541	82	24392	86.076	ng		0.00
42) 2,4,6-Tribromophenol	16.457	330	37939	79.617	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	115019	81.628	ng		0.00
79) Terphenyl-d14	20.293	244	312551	87.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.713	88	2832	44.705	ng	#	81
3) Pyridine	4.130	79	9256	44.398	ng		97
4) n-Nitrosodimethylamine	4.036	42	7285	38.872	ng		89
6) Aniline	7.679	93	14428	43.043	ng		92
8) 2-Chlorophenol	7.925	128	11190	39.845	ng		96
9) Benzaldehyde	7.496	77	6830	38.845	ng		93
10) Phenol	7.520	94	12793	41.751	ng		97
11) bis(2-Chloroethyl)ether	7.773	93	7946	39.812	ng		92
12) 1,3-Dichlorobenzene	8.260	146	14264m	39.264	ng		
13) 1,4-Dichlorobenzene	8.407	146	14753	39.737	ng		96
14) 1,2-Dichlorobenzene	8.730	146	14374	40.511	ng		98
15) Benzyl Alcohol	8.595	79	12012	41.291	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.895	45	10705	41.210	ng		91
17) 2-Methylphenol	8.795	107	10251	42.521	ng	#	93
18) Hexachloroethane	9.471	117	4744	42.095	ng	#	91
19) n-Nitroso-di-n-propyla...	9.171	70	8721	43.458	ng	#	90
20) 3+4-Methylphenols	9.124	107	14673	42.650	ng		96
22) Acetophenone	9.194	105	20016	40.774	ng		96
24) Nitrobenzene	9.588	77	12025	42.158	ng		95
25) Isophorone	10.111	82	24780	41.702	ng		97
26) 2-Nitrophenol	10.299	139	7087	41.971	ng		95
27) 2,4-Dimethylphenol	10.340	122	11719m	41.325	ng		
28) bis(2-Chloroethoxy)met...	10.587	93	11137	42.407	ng	#	94
29) 2,4-Dichlorophenol	10.834	162	16832	41.819	ng		98
30) 1,2,4-Trichlorobenzene	11.063	180	21238	40.591	ng		94
31) Naphthalene	11.257	128	43702	41.824	ng		98
32) Benzoic acid	10.446	122	9861	41.419	ng		96
33) 4-Chloroaniline	11.351	127	18471	41.236	ng		98
34) Hexachlorobutadiene	11.539	225	19388	39.415	ng		94
35) Caprolactam	12.115	113	4648	41.447	ng		94
36) 4-Chloro-3-methylphenol	12.432	107	16258	43.077	ng		92
37) 2-Methylnaphthalene	12.831	142	38588	41.800	ng		97
38) 1-Methylnaphthalene	13.049	142	37743	41.968	ng		96
40) 1,2,4,5-Tetrachloroben...	13.190	216	33980	40.754	ng		98
41) Hexachlorocyclopentadiene	13.172	237	18959	40.081	ng		97
43) 2,4,6-Trichlorophenol	13.413	196	20481	41.496	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	23619	42.451	ng		98
46) 1,1'-Biphenyl	13.818	154	55615	41.519	ng		98
47) 2-Chloronaphthalene	13.865	162	44496	40.882	ng		96
48) 2-Nitroaniline	14.054	65	9150	42.959	ng		96
49) Acenaphthylene	14.706	152	73091	42.071	ng		98
50) Dimethylphthalate	14.418	163	72077	42.186	ng		99
51) 2,6-Dinitrotoluene	14.535	165	12755	48.242	ng		89
52) Acenaphthene	15.041	154	49169	42.157	ng		97
53) 3-Nitroaniline	14.870	138	12113	45.041	ng		99
54) 2,4-Dinitrophenol	15.064	184	8189	41.662	ng	#	73
55) Dibenzofuran	15.370	168	81970	41.794	ng		99
56) 4-Nitrophenol	15.140	139	9380	43.525	ng		93
57) 2,4-Dinitrotoluene	15.317	165	17898	44.846	ng		92
58) Fluorene	16.016	166	67130	41.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.587	232	27950	43.973	ng		98
60) Diethylphthalate	15.769	149	68966	41.298	ng		99
61) 4-Chlorophenyl-phenyle...	16.004	204	46144	42.249	ng		99
62) 4-Nitroaniline	16.022	138	13148	44.893	ng		95
63) Azobenzene	16.292	77	42764	42.073	ng		97
65) 4,6-Dinitro-2-methylph...	16.075	198	11907	42.914	ng		96
66) n-Nitrosodiphenylamine	16.210	169	61779	40.588	ng		98
67) 4-Bromophenyl-phenylether	16.897	248	32075	37.687	ng		96
68) Hexachlorobenzene	17.015	284	42644	40.678	ng		97
69) Atrazine	17.144	200	27942	40.544	ng		99
70) Pentachlorophenol	17.356	266	25271	42.166	ng		95
71) Phenanthrene	17.755	178	124587	40.931	ng		98
72) Anthracene	17.849	178	121986	40.509	ng		99
73) Carbazole	18.108	167	97230	39.148	ng		98
74) Di-n-butylphthalate	18.648	149	111325	38.543	ng		99
75) Fluoranthene	19.747	202	168730	39.587	ng		99
77) Benzidine	19.911	184	52302	47.111	ng		98
78) Pyrene	20.105	202	168719	44.107	ng		99
80) Butylbenzylphthalate	20.975	149	47409	43.738	ng		98
81) Benzo(a)anthracene	22.003	228	193950	43.600	ng		98
82) 3,3'-Dichlorobenzidine	21.903	252	69482	43.413	ng		96
83) Chrysene	22.073	228	181521	43.540	ng		99
84) Bis(2-ethylhexyl)phtha...	21.886	149	68309	42.418	ng		97
85) Di-n-octyl phthalate	23.196	149	117346	42.957	ng		98
87) Indeno(1,2,3-cd)pyrene	29.547	276	257849	40.578	ng		99
88) Benzo(b)fluoranthene	24.400	252	207028	40.482	ng		100
89) Benzo(k)fluoranthene	24.477	252	208524	40.867	ng		98
90) Benzo(a)pyrene	25.352	252	175032	40.490	ng		100
91) Dibenzo(a,h)anthracene	29.618	278	214140	40.263	ng		97
92) Benzo(g,h,i)perylene	30.804	276	207505	40.353	ng		95

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

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