Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
Data File : BG056133.D
Acq On : 27 Dec 2022 19:42
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 04:56:31 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 :
SSTDICC080

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	8.341	152	43714	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	163130	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	144183	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	363363	20.000	ng		0.00
76) Chrysene-d12	21.977	240	343910	20.000	ng	#	0.00
86) Perylene-d12	25.426	264	384265	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.855	112	359809	193.031	ng		0.00
7) Phenol-d6	7.477	99	561303	234.134	ng		0.00
23) Nitrobenzene-d5	9.516	82	492871	211.138	ng		0.00
42) 2,4,6-Tribromophenol	16.425	330	284005	81.688	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	1574140	153.118	ng		0.00
79) Terphenyl-d14	20.256	244	2841066	146.005	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	77324	142.544	ng		97
3) Pyridine	4.093	79	255623m	143.191	ng		
4) n-Nitrosodimethylamine	3.999	42	52455	32.687	ng	#	99
6) Aniline	7.653	93	369698	128.800	ng		96
8) 2-Chlorophenol	7.900	128	183297	76.221	ng		93
9) Benzaldehyde	7.465	77	146358	97.209	ng		97
10) Phenol	7.500	94	281216	107.180	ng		98
11) bis(2-Chloroethyl)ether	7.741	93	187166	109.514	ng		97
12) 1,3-Dichlorobenzene	8.229	146	213328	68.576	ng		95
13) 1,4-Dichlorobenzene	8.376	146	219695	69.105	ng		98
14) 1,2-Dichlorobenzene	8.699	146	210143	69.165	ng		97
15) Benzyl Alcohol	8.570	79	209627	84.152	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.858	45	31585	14.200	ng		95
17) 2-Methylphenol	8.769	107	214117	103.720	ng		98
18) Hexachloroethane	9.439	117	64811	67.159	ng		97
19) n-Nitroso-di-n-propyla...	9.145	70	165636	96.390	ng		97
20) 3+4-Methylphenols	9.098	107	307026	104.219	ng		97
22) Acetophenone	9.169	105	354129	87.571	ng	#	98
24) Nitrobenzene	9.557	77	245673	104.557	ng		98
25) Isophorone	10.080	82	509664	104.121	ng		98
26) 2-Nitrophenol	10.268	139	131860	94.798	ng		98
27) 2,4-Dimethylphenol	10.315	122	230331	98.599	ng		98
28) bis(2-Chloroethoxy)met...	10.556	93	266782	123.317	ng		98
29) 2,4-Dichlorophenol	10.808	162	259504	78.267	ng		96
30) 1,2,4-Trichlorobenzene	11.031	180	290544	67.410	ng		99
31) Naphthalene	11.225	128	678634	78.842	ng		99
32) Benzoic acid	10.473	122	180072	99.925	ng		96
33) 4-Chloroaniline	11.319	127	325974	88.341	ng		99
34) Hexachlorobutadiene	11.496	225	207016	51.089	ng		98
35) Caprolactam	12.107	113	84409	91.372	ng		97
36) 4-Chloro-3-methylphenol	12.412	107	261956	84.256	ng		97
37) 2-Methylnaphthalene	12.800	142	568920	74.812	ng		99
38) 1-Methylnaphthalene	13.017	142	528393	71.324	ng		97
40) 1,2,4,5-Tetrachloroben...	13.158	216	415762	68.345	ng		99
41) Hexachlorocyclopentadiene	13.135	237	255461	74.022	ng		97
43) 2,4,6-Trichlorophenol	13.388	196	283589	78.752	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.464	196	330735	81.475	ng		99
46) 1,1'-Biphenyl	13.787	154	795621	81.410	ng		99
47) 2-Chloronaphthalene	13.840	162	628456	79.140	ng		98
48) 2-Nitroaniline	14.028	65	136243	102.565	ng		97
49) Acenaphthylene	14.674	152	1008493	79.563	ng		99
50) Dimethylphthalate	14.392	163	868369	69.662	ng		100
51) 2,6-Dinitrotoluene	14.516	165	190941	98.984	ng		97
52) Acenaphthene	15.015	154	667321	78.421	ng		96
53) 3-Nitroaniline	14.845	138	181620	92.563	ng		99
54) 2,4-Dinitrophenol	15.044	184	144607	100.837	ng		95
55) Dibenzofuran	15.344	168	1079751	75.456	ng		97
56) 4-Nitrophenol	15.133	139	142143	90.402	ng		99
57) 2,4-Dinitrotoluene	15.297	165	268901	92.349	ng		92
58) Fluorene	15.990	166	859945	73.516	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.561	232	304674	65.699	ng		96
60) Diethylphthalate	15.738	149	803371	65.937	ng		98
61) 4-Chlorophenyl-phenyle...	15.967	204	546457	68.576	ng		98
62) 4-Nitroaniline	16.008	138	183153	85.714	ng		99
63) Azobenzene	16.261	77	618042	83.342	ng		99
65) 4,6-Dinitro-2-methylph...	16.055	198	202540	116.684	ng		97
66) n-Nitrosodiphenylamine	16.184	169	789641	82.927	ng		97
67) 4-Bromophenyl-phenylether	16.860	248	365829	68.708	ng		97
68) Hexachlorobenzene	16.989	284	341307	52.042	ng		98
69) Atrazine	17.118	200	320685	74.379	ng		98
70) Pentachlorophenol	17.324	266	275605	73.508	ng		98
71) Phenanthrene	17.730	178	1440904	75.669	ng		99
72) Anthracene	17.818	178	1470034	78.032	ng		98
73) Carbazole	18.076	167	1233506	79.390	ng		98
74) Di-n-butylphthalate	18.611	149	1249494	69.151	ng		99
75) Fluoranthene	19.715	202	1837939	68.928	ng		99
77) Benzidine	19.880	184	903056	149.521	ng		97
78) Pyrene	20.074	202	1827824	87.833	ng		98
80) Butylbenzylphthalate	20.932	149	551778	93.572	ng		97
81) Benzo(a)anthracene	21.954	228	1862635	76.968	ng		99
82) 3,3'-Dichlorobenzidine	21.860	252	665890	76.478	ng		99
83) Chrysene	22.030	228	1745568	76.962	ng		98
84) Bis(2-ethylhexyl)phtha...	21.825	149	783835	89.469	ng		98
85) Di-n-octyl phthalate	23.117	149	1322760	89.008	ng		100
87) Indeno(1,2,3-cd)pyrene	29.433	276	2173806	70.349	ng	#	99
88) Benzo(b)fluoranthene	24.328	252	1846538	74.250	ng		98
89) Benzo(k)fluoranthene	24.404	252	1871833	75.440	ng		99
90) Benzo(a)pyrene	25.279	252	1830788	87.092	ng		99
91) Dibenzo(a,h)anthracene	29.504	278	1804835	69.784	ng		100
92) Benzo(g,h,i)perylene	30.685	276	1765082	70.586	ng		99

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

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