Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057100.D
Acq On : 14 Apr 2023 14:57
Operator : CG/JU
Sample : 02320-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 14 15:42:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E9074-BAYS-001MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/17/2023
Supervised By :Jagrut Upadhyay
04/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.402	152	19583	20.000	ng		0.00
21) Naphthalene-d8	11.245	136	78587	20.000	ng	#	0.00
39) Acenaphthene-d10	15.017	164	50903	20.000	ng		0.00
64) Phenanthrene-d10	17.754	188	103634	20.000	ng	#	0.00
76) Chrysene-d12	22.072	240	89201	20.000	ng	#	0.00
86) Perylene-d12	25.608	264	98464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	158254	129.335	ng		0.00
7) Phenol-d6	7.539	99	220800	120.653	ng		0.00
23) Nitrobenzene-d5	9.583	82	143419	74.673	ng		0.00
42) 2,4,6-Tribromophenol	16.497	330	95037	116.869	ng		0.00
45) 2-Fluorobiphenyl	13.642	172	288403	76.828	ng		0.00
79) Terphenyl-d14	20.321	244	424150	80.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.720	88	20674	38.543	ng		100
3) Pyridine	4.143	79	59289	34.318	ng		96
4) n-Nitrosodimethylamine	4.049	42	31659	39.858	ng		87
6) Aniline	7.715	93	84890	36.285	ng		97
8) 2-Chlorophenol	7.962	128	67004	54.977	ng		92
9) Benzaldehyde	7.521	77	50554	44.043	ng		92
10) Phenol	7.568	94	93990	51.833	ng		96
11) bis(2-Chloroethyl)ether	7.803	93	65038	50.352	ng		95
12) 1,3-Dichlorobenzene	8.291	146	70688	52.491	ng		98
13) 1,4-Dichlorobenzene	8.437	146	72632	53.439	ng		100
14) 1,2-Dichlorobenzene	8.761	146	67488	51.395	ng		96
15) Benzyl Alcohol	8.637	79	69718	45.849	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.919	45	82169	52.784	ng		99
17) 2-Methylphenol	8.837	107	63824	49.334	ng		89
18) Hexachloroethane	9.501	117	26221	52.782	ng	#	91
19) n-Nitroso-di-n-propyla...	9.207	70	56932	43.494	ng		97
20) 3+4-Methylphenols	9.166	107	85152	47.071	ng		93
22) Acetophenone	9.230	105	109132	46.668	ng	#	97
24) Nitrobenzene	9.624	77	88976	45.312	ng		95
25) Isophorone	10.147	82	151124	41.321	ng		99
26) 2-Nitrophenol	10.341	139	37944	50.063	ng		90
27) 2,4-Dimethylphenol	10.382	122	65252	48.761	ng		96
28) bis(2-Chloroethoxy)met...	10.617	93	83584	45.649	ng		93
29) 2,4-Dichlorophenol	10.881	162	66892	46.479	ng		94
30) 1,2,4-Trichlorobenzene	11.099	180	76112	49.774	ng		98
31) Naphthalene	11.292	128	202237	47.213	ng		98
32) Benzoic acid	10.535	122	45248m	49.224	ng		
33) 4-Chloroaniline	11.392	127	66628	34.440	ng		97
34) Hexachlorobutadiene	11.568	225	52319	45.547	ng		89
35) Caprolactam	12.162	113	20289m	40.879	ng		
36) 4-Chloro-3-methylphenol	12.485	107	70893	44.048	ng		97
37) 2-Methylnaphthalene	12.867	142	144912	42.625	ng		97
38) 1-Methylnaphthalene	13.084	142	134899	42.258	ng		99
40) 1,2,4,5-Tetrachloroben...	13.231	216	93091	52.738	ng		99
41) Hexachlorocyclopentadiene	13.202	237	68466	70.397	ng		98
43) 2,4,6-Trichlorophenol	13.460	196	58472	51.910	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	62809	47.068	ng		96
46) 1,1'-Biphenyl	13.854	154	196680	52.783	ng		99
47) 2-Chloronaphthalene	13.906	162	147816	53.636	ng		97
48) 2-Nitroaniline	14.094	65	47833	48.540	ng		96
49) Acenaphthylene	14.741	152	225715	49.848	ng		98
50) Dimethylphthalate	14.453	163	184480	45.996	ng		99
51) 2,6-Dinitrotoluene	14.582	165	41090	47.417	ng		93
52) Acenaphthene	15.081	154	163521m	52.362	ng		
53) 3-Nitroaniline	14.911	138	35402	41.273	ng		91
54) 2,4-Dinitrophenol	15.117	184	36422	74.672	ng		95
55) Dibenzofuran	15.410	168	226731	48.374	ng		97
56) 4-Nitrophenol	15.211	139	65253	102.878	ng	#	83
57) 2,4-Dinitrotoluene	15.363	165	56994	46.632	ng		95
58) Fluorene	16.057	166	177556	45.780	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	56662	46.636	ng	#	97
60) Diethylphthalate	15.798	149	183787	45.709	ng		99
61) 4-Chlorophenyl-phenyle...	16.033	204	103263	45.347	ng		97
62) 4-Nitroaniline	16.074	138	39413	44.349	ng	#	84
63) Azobenzene	16.327	77	188434	47.025	ng		96
65) 4,6-Dinitro-2-methylph...	16.127	198	27821	44.326	ng		95
66) n-Nitrosodiphenylamine	16.250	169	154619	55.579	ng		98
67) 4-Bromophenyl-phenylether	16.932	248	64502	50.303	ng		93
68) Hexachlorobenzene	17.061	284	69674	54.959	ng		97
69) Atrazine	17.184	200	63509	54.995	ng		96
70) Pentachlorophenol	17.402	266	85639	94.161	ng		94
71) Phenanthrene	17.801	178	267844	50.692	ng		99
72) Anthracene	17.895	178	286019	52.805	ng		100
73) Carbazole	18.154	167	237017	50.189	ng		95
74) Di-n-butylphthalate	18.671	149	284945	52.106	ng		100
75) Fluoranthene	19.787	202	313139	46.751	ng		97
77) Benzidine	19.951	184	55964	22.953	ng		96
78) Pyrene	20.145	202	314454	50.968	ng		98
80) Butylbenzylphthalate	21.003	149	120681	56.843	ng		93
81) Benzo(a)anthracene	22.048	228	310887	50.365	ng		100
82) 3,3'-Dichlorobenzidine	21.949	252	98184	47.104	ng		97
83) Chrysene	22.125	228	284455	49.217	ng		98
84) Bis(2-ethylhexyl)phtha...	21.902	149	225230	73.263	ng		97
85) Di-n-octyl phthalate	23.212	149	284661	54.947	ng		99
87) Indeno(1,2,3-cd)pyrene	29.691	276	349686m	48.054	ng		
88) Benzo(b)fluoranthene	24.475	252	316846	51.459	ng		98
89) Benzo(k)fluoranthene	24.551	252	316245	51.447	ng		100
90) Benzo(a)pyrene	25.444	252	284006	46.939	ng		99
91) Dibenzo(a,h)anthracene	29.756	278	288819	48.285	ng		98
92) Benzo(g,h,i)perylene	30.966	276	262705m	44.853	ng		

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

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