Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056979.D
Acq On : 5 Apr 2023 00:27
Operator : CG/JU
Sample : 02176-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:13:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.420	152	19188	20.000	ng		0.00
21) Naphthalene-d8	11.257	136	73939	20.000	ng	#	0.00
39) Acenaphthene-d10	15.028	164	51005	20.000	ng		0.00
64) Phenanthrene-d10	17.766	188	106834	20.000	ng	#	0.00
76) Chrysene-d12	22.089	240	93319	20.000	ng		0.00
86) Perylene-d12	25.643	264	99451	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.929	112	110416	92.097	ng		0.00
7) Phenol-d6	7.544	99	159733	89.081	ng		0.00
23) Nitrobenzene-d5	9.595	82	105259	58.250	ng		0.00
42) 2,4,6-Tribromophenol	16.509	330	70934	87.055	ng		0.00
45) 2-Fluorobiphenyl	13.654	172	232402	61.786	ng		0.00
79) Terphenyl-d14	20.339	244	339684	61.595	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.726	88	15739	29.947	ng	#	92
3) Pyridine	4.149	79	49162	29.042	ng		96
4) n-Nitrosodimethylamine	4.061	42	29563	37.985	ng	#	87
6) Aniline	7.727	93	52210	22.776	ng		97
8) 2-Chlorophenol	7.973	128	57505	48.154	ng		93
9) Benzaldehyde	7.539	77	41219	36.649	ng		92
10) Phenol	7.574	94	80770	45.459	ng		99
11) bis(2-Chloroethyl)ether	7.815	93	52326	41.344	ng		99
12) 1,3-Dichlorobenzene	8.308	146	61362	46.503	ng		97
13) 1,4-Dichlorobenzene	8.455	146	61048	45.840	ng		96
14) 1,2-Dichlorobenzene	8.778	146	59978	46.616	ng		93
15) Benzyl Alcohol	8.649	79	61706	41.415	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.931	45	65798m	43.138	ng		
17) 2-Methylphenol	8.849	107	54571	43.050	ng		95
18) Hexachloroethane	9.518	117	22695	46.625	ng		94
19) n-Nitroso-di-n-propyla...	9.219	70	49931	38.930	ng	#	95
20) 3+4-Methylphenols	9.178	107	73251	41.326	ng		97
22) Acetophenone	9.242	105	93345	42.427	ng		98
24) Nitrobenzene	9.636	77	78076	42.261	ng		98
25) Isophorone	10.159	82	132351	38.463	ng		98
26) 2-Nitrophenol	10.352	139	31737	44.506	ng		96
27) 2,4-Dimethylphenol	10.399	122	57878	45.969	ng		92
28) bis(2-Chloroethoxy)met...	10.634	93	70077	40.678	ng		96
29) 2,4-Dichlorophenol	10.893	162	61815	45.652	ng		95
30) 1,2,4-Trichlorobenzene	11.116	180	68725	47.768	ng		95
31) Naphthalene	11.310	128	178767	44.357	ng		98
32) Benzoic acid	10.529	122	38757	44.813	ng		92
33) 4-Chloroaniline	11.404	127	27033	14.852	ng		93
34) Hexachlorobutadiene	11.586	225	50482	46.711	ng		95
35) Caprolactam	12.173	113	16948m	36.294	ng		
36) 4-Chloro-3-methylphenol	12.497	107	61431	40.568	ng		95
37) 2-Methylnaphthalene	12.884	142	130117	40.679	ng		98
38) 1-Methylnaphthalene	13.102	142	120229	40.030	ng		97
40) 1,2,4,5-Tetrachloroben...	13.243	216	89935	50.848	ng		99
41) Hexachlorocyclopentadiene	13.219	237	43877	45.025	ng		92
43) 2,4,6-Trichlorophenol	13.472	196	55360	49.049	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	60523	45.264	ng		93
46) 1,1'-Biphenyl	13.865	154	175181	46.919	ng		99
47) 2-Chloronaphthalene	13.918	162	134247	48.615	ng		98
48) 2-Nitroaniline	14.112	65	44356	44.921	ng		98
49) Acenaphthylene	14.758	152	203029	44.749	ng		98
50) Dimethylphthalate	14.464	163	166680	41.475	ng		99
51) 2,6-Dinitrotoluene	14.594	165	35625	41.028	ng		97
52) Acenaphthene	15.093	154	138399	44.229	ng		94
53) 3-Nitroaniline	14.923	138	26620	30.973	ng	#	97
54) 2,4-Dinitrophenol	15.128	184	20446	41.834	ng		94
55) Dibenzofuran	15.422	168	208890	44.478	ng		98
56) 4-Nitrophenol	15.216	139	59617	93.804	ng		92
57) 2,4-Dinitrotoluene	15.375	165	49894	40.741	ng	#	96
58) Fluorene	16.068	166	167725	43.159	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	53604	44.031	ng	#	98
60) Diethylphthalate	15.810	149	159737	39.648	ng		98
61) 4-Chlorophenyl-phenyle...	16.051	204	94866	41.576	ng		95
62) 4-Nitroaniline	16.080	138	32264	36.232	ng		96
63) Azobenzene	16.344	77	168590	41.989	ng		98
65) 4,6-Dinitro-2-methylph...	16.139	198	14868	22.979	ng		95
66) n-Nitrosodiphenylamine	16.262	169	142452	49.671	ng		94
67) 4-Bromophenyl-phenylether	16.943	248	59979	45.374	ng		96
68) Hexachlorobenzene	17.073	284	64785	49.572	ng		97
69) Atrazine	17.196	200	56901	47.797	ng		97
70) Pentachlorophenol	17.413	266	81687	87.126	ng		95
71) Phenanthrene	17.813	178	300959	55.253	ng		99
72) Anthracene	17.901	178	270841	48.505	ng		99
73) Carbazole	18.165	167	219206	45.027	ng		95
74) Di-n-butylphthalate	18.688	149	240206	42.609	ng		99
75) Fluoranthene	19.798	202	433730	62.816	ng		99
77) Benzidine	19.969	184	62516	24.509	ng		96
78) Pyrene	20.163	202	433539	67.169	ng		97
80) Butylbenzylphthalate	21.020	149	97302	43.808	ng		95
81) Benzo(a)anthracene	22.072	228	402071	62.263	ng		99
82) 3,3'-Dichlorobenzidine	21.966	252	63175	28.971	ng		98
83) Chrysene	22.142	228	362488	59.951	ng		97
84) Bis(2-ethylhexyl)phtha...	21.919	149	138316	43.006	ng		100
85) Di-n-octyl phthalate	23.241	149	234615	43.288	ng		96
87) Indeno(1,2,3-cd)pyrene	29.744	276	312588	42.530	ng	#	94
88) Benzo(b)fluoranthene	24.510	252	406083	65.297	ng		98
89) Benzo(k)fluoranthene	24.586	252	366662m	59.057	ng		
90) Benzo(a)pyrene	25.479	252	356384	58.317	ng		98
91) Dibenzo(a,h)anthracene	29.814	278	236889	39.210	ng		99
92) Benzo(g,h,i)perylene	31.036	276	237221m	40.100	ng		

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

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