Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056189.D
Acq On : 3 Jan 2023 16:59
Operator : CG/JU
Sample : N6242-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 04 02:14:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MM-4MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :Yogesh Patel 01/05/2023

01/04/2023
Supervised By :Yogesh Patel

01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	38884	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	142117	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	114754	20.000	ng	0.00
64) Phenanthrene-d10	17.684	188	284724	20.000	ng	0.00
76) Chrysene-d12	21.985	240	267156	20.000	ng	0.00
86) Perylene-d12	25.445	264	287026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.862	112	409461	188.019	ng	0.02
7) Phenol-d6	7.478	99	571142	170.774	ng	0.00
23) Nitrobenzene-d5	9.517	82	302351	108.824	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	252568	173.784	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	954491	114.859	ng	0.00
79) Terphenyl-d14	20.257	244	1782630	119.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.677	88	47321	47.572	ng	# 96
3) Pyridine	4.094	79	133178	43.958	ng	96
4) n-Nitrosodimethylamine	4.006	42	31606	51.284	ng	90
6) Aniline	7.654	93	170016	38.765	ng	94
8) 2-Chlorophenol	7.901	128	139786	64.503	ng	91
9) Benzaldehyde	7.460	77	79989	40.224	ng	94
10) Phenol	7.502	94	201790	59.495	ng	98
11) bis(2-Chloroethyl)ether	7.742	93	122312	53.214	ng	95
12) 1,3-Dichlorobenzene	8.230	146	159621	60.520	ng	96
13) 1,4-Dichlorobenzene	8.377	146	161389	60.935	ng	98
14) 1,2-Dichlorobenzene	8.700	146	155447	60.827	ng	98
15) Benzyl Alcohol	8.571	79	133867	54.997	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.865	45	23743	58.455	ng	88
17) 2-Methylphenol	8.771	107	137892	55.406	ng	97
18) Hexachloroethane	9.440	117	51037	63.432	ng	97
19) n-Nitroso-di-n-propyla...	9.141	70	96420	47.411	ng	95
20) 3+4-Methylphenols	9.100	107	187377	53.551	ng	97
22) Acetophenone	9.164	105	220308	54.825	ng	97
24) Nitrobenzene	9.558	77	147626	53.617	ng	97
25) Isophorone	10.075	82	286267	48.970	ng	97
26) 2-Nitrophenol	10.275	139	84579	60.038	ng	96
27) 2,4-Dimethylphenol	10.316	122	153317	59.669	ng	98
28) bis(2-Chloroethoxy)met...	10.551	93	165530	54.482	ng	99
29) 2,4-Dichlorophenol	10.809	162	176170	62.017	ng	99
30) 1,2,4-Trichlorobenzene	11.027	180	193193	59.930	ng	97
31) Naphthalene	11.227	128	429374	57.407	ng	100
32) Benzoic acid	10.439	122	106157	55.683	ng	96
33) 4-Chloroaniline	11.321	127	99828	27.955	ng	98
34) Hexachlorobutadiene	11.497	225	138080	59.556	ng	94
35) Caprolactam	12.090	113	48844m	50.786	ng	
36) 4-Chloro-3-methylphenol	12.413	107	162206	56.273	ng	98
37) 2-Methylnaphthalene	12.801	142	329347	52.150	ng	99
38) 1-Methylnaphthalene	13.019	142	315763	53.843	ng	97
40) 1,2,4,5-Tetrachloroben...	13.160	216	254553	59.185	ng	99
41) Hexachlorocyclopentadiene	13.136	237	318715	129.978	ng	95
43) 2,4,6-Trichlorophenol	13.389	196	173680	61.069	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.465	196	187095	55.613	ng		98
46) 1,1'-Biphenyl	13.788	154	488065	59.388	ng		98
47) 2-Chloronaphthalene	13.835	162	389957	60.115	ng		98
48) 2-Nitroaniline	14.029	65	75080	54.323	ng		92
49) Acenaphthylene	14.676	152	594910	56.357	ng		99
50) Dimethylphthalate	14.388	163	489904	52.885	ng		98
51) 2,6-Dinitrotoluene	14.511	165	109229	55.336	ng		95
52) Acenaphthene	15.016	154	441761m	64.344	ng		
53) 3-Nitroaniline	14.846	138	79060	42.085	ng		90
54) 2,4-Dinitrophenol	15.052	184	164178	116.426	ng		96
55) Dibenzofuran	15.345	168	625326	55.039	ng		98
56) 4-Nitrophenol	15.134	139	170398	117.938	ng		94
57) 2,4-Dinitrotoluene	15.298	165	154295	55.893	ng		90
58) Fluorene	15.992	166	500598	54.781	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.563	232	182481	57.769	ng		96
60) Diethylphthalate	15.739	149	458555	52.783	ng		99
61) 4-Chlorophenyl-phenyle...	15.974	204	307558	53.931	ng		98
62) 4-Nitroaniline	16.003	138	99665	51.792	ng		98
63) Azobenzene	16.268	77	356672	53.203	ng		96
65) 4,6-Dinitro-2-methylph...	16.056	198	111605	58.179	ng		98
66) n-Nitrosodiphenylamine	16.186	169	463506	58.673	ng		98
67) 4-Bromophenyl-phenylether	16.861	248	208509	57.509	ng		98
68) Hexachlorobenzene	16.990	284	212195	62.730	ng		98
69) Atrazine	17.120	200	196856	60.127	ng		97
70) Pentachlorophenol	17.331	266	289813	111.532	ng		98
71) Phenanthrene	17.731	178	850298	57.627	ng		98
72) Anthracene	17.819	178	867035	56.963	ng		99
73) Carbazole	18.083	167	743795	58.135	ng		99
74) Di-n-butylphthalate	18.612	149	741307	58.123	ng		100
75) Fluoranthene	19.717	202	1051485	54.631	ng		99
77) Benzidine	19.881	184	529633	56.571	ng		98
78) Pyrene	20.075	202	1064610	56.537	ng		99
80) Butylbenzylphthalate	20.939	149	307098	56.846	ng		98
81) Benzo(a)anthracene	21.961	228	1050994	56.010	ng		99
82) 3,3'-Dichlorobenzidine	21.861	252	264667	39.182	ng		99
83) Chrysene	22.037	228	988511	56.240	ng		99
84) Bis(2-ethylhexyl)phtha...	21.832	149	435127	55.907	ng		98
85) Di-n-octyl phthalate	23.119	149	747717	56.908	ng		99
87) Indeno(1,2,3-cd)pyrene	29.435	276	1249474	59.857	ng	#	98
88) Benzo(b)fluoranthene	24.347	252	1097415	60.177	ng		98
89) Benzo(k)fluoranthene	24.417	252	1076432	59.275	ng		99
90) Benzo(a)pyrene	25.287	252	974254	54.773	ng		99
91) Dibenzo(a,h)anthracene	29.511	278	1057987	60.453	ng		98
92) Benzo(g,h,i)perylene	30.692	276	1009528	59.484	ng		97

01/04/2023 Supervised By :Yogesh Patel

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

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