Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060936.D
Acq On : 18 Apr 2024 14:39
Operator : MA/JU
Sample : P2150-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 18 15:18:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	56615	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	228542	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	181605	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	435850	20.000	ng		0.00
76) Chrysene-d12	21.573	240	418667	20.000	ng		0.00
86) Perylene-d12	24.693	264	495242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	334132	102.513	ng		0.00
7) Phenol-d6	7.108	99	487110	103.741	ng		0.00
23) Nitrobenzene-d5	9.093	82	322912	64.143	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	272159	90.714	ng		0.00
45) 2-Fluorobiphenyl	13.195	172	793207	64.095	ng		0.00
79) Terphenyl-d14	19.940	244	1470445	61.296	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.447	88	51419	39.025	ng		99
3) Pyridine	3.835	79	136169	32.482	ng		97
4) n-Nitrosodimethylamine	3.753	42	105107	39.291	ng		99
6) Aniline	7.266	93	117770	20.586	ng		96
8) 2-Chlorophenol	7.507	128	169951	45.833	ng		97
9) Benzaldehyde	7.078	77	8807	3.493	ng		96
10) Phenol	7.137	94	231029	49.095	ng		99
11) bis(2-Chloroethyl)ether	7.366	93	152601	41.807	ng		98
12) 1,3-Dichlorobenzene	7.830	146	169723	43.079	ng		97
13) 1,4-Dichlorobenzene	7.977	146	174774	43.332	ng		96
14) 1,2-Dichlorobenzene	8.294	146	167633	42.741	ng		100
15) Benzyl Alcohol	8.177	79	166201	41.148	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.459	45	364600	41.332	ng		99
17) 2-Methylphenol	8.383	107	153419	41.262	ng		97
18) Hexachloroethane	9.023	117	62624	43.726	ng		93
19) n-Nitroso-di-n-propyla...	8.741	70	140026	39.151	ng		95
20) 3+4-Methylphenols	8.706	107	210407	40.790	ng		95
22) Acetophenone	8.759	105	265681	40.822	ng	#	97
24) Nitrobenzene	9.135	77	202415	40.969	ng		99
25) Isophorone	9.657	82	374124	40.271	ng		99
26) 2-Nitrophenol	9.845	139	91062	43.873	ng		98
27) 2,4-Dimethylphenol	9.910	122	129192	35.327	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	211468	40.482	ng		99
29) 2,4-Dichlorophenol	10.380	162	170974	43.091	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	179298	42.157	ng		98
31) Naphthalene	10.786	128	515892	41.738	ng		98
32) Benzoic acid	10.057	122	130419	44.058	ng		97
33) 4-Chloroaniline	10.885	127	63901	11.031	ng		98
34) Hexachlorobutadiene	11.079	225	129804	42.932	ng		95
35) Caprolactam	11.655	113	58488m	39.952	ng		
36) 4-Chloro-3-methylphenol	12.019	107	204343	42.611	ng		97
37) 2-Methylnaphthalene	12.390	142	372702	39.859	ng		98
38) 1-Methylnaphthalene	12.613	142	349000	39.536	ng		99
40) 1,2,4,5-Tetrachloroben...	12.760	216	250004	44.612	ng		99
41) Hexachlorocyclopentadiene	12.748	237	268574	93.727	ng		99
43) 2,4,6-Trichlorophenol	13.001	196	174694	44.829	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	194496	41.386	ng	98
46) 1,1'-Biphenyl	13.406	154	542727	43.952	ng	98
47) 2-Chloronaphthalene	13.441	162	425710	45.045	ng	99
48) 2-Nitroaniline	13.641	65	165144	42.582	ng	97
49) Acenaphthylene	14.293	152	721979	45.177	ng	99
50) Dimethylphthalate	14.029	163	586153	40.674	ng	100
51) 2,6-Dinitrotoluene	14.140	165	123601	42.081	ng	95
52) Acenaphthene	14.634	154	422786	43.621	ng	98
53) 3-Nitroaniline	14.470	138	69452	21.540	ng	98
54) 2,4-Dinitrophenol	14.675	184	164431	87.112	ng	91
55) Dibenzofuran	14.969	168	689675	42.124	ng	98
56) 4-Nitrophenol	14.787	139	220599	89.361	ng	93
57) 2,4-Dinitrotoluene	14.928	165	182672	43.522	ng	98
58) Fluorene	15.621	166	571305	42.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	182497	42.271	ng	99
60) Diethylphthalate	15.398	149	584009	40.460	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	303901	40.369	ng	97
62) 4-Nitroaniline	15.633	138	130934	37.768	ng	98
63) Azobenzene	15.909	77	557947	41.013	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	116419	47.877	ng	98
66) n-Nitrosodiphenylamine	15.827	169	516000	43.127	ng	99
67) 4-Bromophenyl-phenylether	16.508	248	211749	43.368	ng	97
68) Hexachlorobenzene	16.626	284	242272	45.601	ng	99
69) Atrazine	16.779	200	202792	47.161	ng	98
70) Pentachlorophenol	16.967	266	324197	90.104	ng	99
71) Phenanthrene	17.360	178	1171304	53.093	ng	99
72) Anthracene	17.448	178	999906	44.124	ng	98
73) Carbazole	17.719	167	868235	43.975	ng	100
74) Di-n-butylphthalate	18.289	149	1011868	42.569	ng	99
75) Fluoranthene	19.370	202	1512263	53.855	ng	99
77) Benzidine	19.546	184	385276	41.721	ng	98
78) Pyrene	19.734	202	1507215	52.480	ng	100
80) Butylbenzylphthalate	20.633	149	447727	42.444	ng	99
81) Benzo(a)anthracene	21.555	228	1440283	48.717	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	257586	24.467	ng	100
83) Chrysene	21.620	228	1347197	47.726	ng	99
84) Bis(2-ethylhexyl)phtha...	21.491	149	668583	42.862	ng	97
85) Di-n-octyl phthalate	22.678	149	1153776	42.868	ng	100
87) Indeno(1,2,3-cd)pyrene	28.242	276	1643188	47.981	ng	99
88) Benzo(b)fluoranthene	23.712	252	1432265	51.115	ng	98
89) Benzo(k)fluoranthene	23.782	252	1319348	46.026	ng	99
90) Benzo(a)pyrene	24.552	252	1293449	46.820	ng	98
91) Dibenzo(a,h)anthracene	28.306	278	1267756	44.972	ng	100
92) Benzo(g,h,i)perylene	29.340	276	1278652	46.396	ng	99

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

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