Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060808.D
Acq On : 6 Apr 2024 12:50
Operator : MA/JU
Sample : P1995-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 02:03:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
280648MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	49655	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	211340	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	168018	20.000	ng		0.00
64) Phenanthrene-d10	17.329	188	405094	20.000	ng		0.00
76) Chrysene-d12	21.595	240	395968	20.000	ng		0.00
86) Perylene-d12	24.732	264	465233	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	381474	127.982	ng		0.00
7) Phenol-d6	7.118	99	502465	113.565	ng		0.00
23) Nitrobenzene-d5	9.110	82	370550	100.048	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	345326	181.057	ng		0.00
45) 2-Fluorobiphenyl	13.211	172	996710	87.062	ng		0.00
79) Terphenyl-d14	19.956	244	1942417	86.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	47494	38.864	ng		99
3) Pyridine	3.863	79	114448	31.048	ng		98
4) n-Nitrosodimethylamine	3.763	42	98953	44.909	ng		94
6) Aniline	7.276	93	101298	18.130	ng		99
8) 2-Chlorophenol	7.517	128	156101	46.195	ng		94
9) Benzaldehyde	7.088	77	15016m	6.155	ng		
10) Phenol	7.141	94	181513	40.198	ng		97
11) bis(2-Chloroethyl)ether	7.376	93	141884	38.919	ng		97
12) 1,3-Dichlorobenzene	7.846	146	156114	44.425	ng		94
13) 1,4-Dichlorobenzene	7.987	146	163186	45.517	ng		97
14) 1,2-Dichlorobenzene	8.305	146	156115	44.434	ng		99
15) Benzyl Alcohol	8.187	79	159676	44.553	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	335027	40.721	ng		99
17) 2-Methylphenol	8.393	107	138817	40.723	ng		98
18) Hexachloroethane	9.033	117	57787	45.383	ng		96
19) n-Nitroso-di-n-propyla...	8.757	70	132546	39.283	ng	#	96
20) 3+4-Methylphenols	8.716	107	191598	41.046	ng		96
22) Acetophenone	8.769	105	253029	43.420	ng		96
24) Nitrobenzene	9.151	77	185459	45.159	ng		96
25) Isophorone	9.674	82	358650	42.043	ng		99
26) 2-Nitrophenol	9.862	139	81633	54.909	ng		95
27) 2,4-Dimethylphenol	9.920	122	123488	36.036	ng		94
28) bis(2-Chloroethoxy)met...	10.161	93	206908	41.083	ng		98
29) 2,4-Dichlorophenol	10.396	162	164595	52.306	ng		96
30) 1,2,4-Trichlorobenzene	10.614	180	171908	48.245	ng		99
31) Naphthalene	10.802	128	495032	43.301	ng		99
32) Benzoic acid	10.009	122	44214	23.467	ng		98
33) 4-Chloroaniline	10.902	127	31312	5.897	ng		98
34) Hexachlorobutadiene	11.095	225	114249	48.110	ng		96
35) Caprolactam	11.671	113	51455m	41.286	ng		
36) 4-Chloro-3-methylphenol	12.030	107	194544	48.396	ng		100
37) 2-Methylnaphthalene	12.406	142	361230	42.978	ng		99
38) 1-Methylnaphthalene	12.623	142	346312	43.616	ng		97
40) 1,2,4,5-Tetrachloroben...	12.776	216	233409	48.321	ng		98
41) Hexachlorocyclopentadiene	12.758	237	208078	84.718	ng		97
43) 2,4,6-Trichlorophenol	13.011	196	167747	53.933	ng		99

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44) 2,4,5-Trichlorophenol	13.087	196	187900	50.622	ng		97
46) 1,1'-Biphenyl	13.416	154	535681	45.138	ng		99
47) 2-Chloronaphthalene	13.457	162	422121	46.815	ng		99
48) 2-Nitroaniline	13.651	65	164082	54.799	ng		97
49) Acenaphthylene	14.303	152	725092	47.860	ng		99
50) Dimethylphthalate	14.045	163	589529	44.391	ng		100
51) 2,6-Dinitrotoluene	14.157	165	124553	52.063	ng		91
52) Acenaphthene	14.650	154	442023	46.468	ng		99
53) 3-Nitroaniline	14.480	138	60594	24.701	ng		99
54) 2,4-Dinitrophenol	14.685	184	65798	71.180	ng		90
55) Dibenzofuran	14.985	168	689361	45.944	ng		100
56) 4-Nitrophenol	14.791	139	196144	101.031	ng		95
57) 2,4-Dinitrotoluene	14.938	165	179714	56.932	ng		95
58) Fluorene	15.631	166	555889	46.162	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.208	232	178355	55.137	ng		98
60) Diethylphthalate	15.414	149	585979	43.858	ng		100
61) 4-Chlorophenyl-phenyle...	15.631	204	298585	46.868	ng		92
62) 4-Nitroaniline	15.643	138	130320	53.673	ng		97
63) Azobenzene	15.919	77	568898	43.695	ng		98
65) 4,6-Dinitro-2-methylph...	15.708	198	65903	40.678	ng		94
66) n-Nitrosodiphenylamine	15.843	169	526046	45.442	ng		97
67) 4-Bromophenyl-phenylether	16.524	248	206008	50.109	ng		99
68) Hexachlorobenzene	16.636	284	236316	50.919	ng		97
69) Atrazine	16.795	200	202587	50.045	ng		99
70) Pentachlorophenol	16.977	266	262312	86.622	ng		98
71) Phenanthrene	17.370	178	955742	45.364	ng		99
72) Anthracene	17.464	178	979474	45.778	ng		99
73) Carbazole	17.729	167	868528	46.040	ng		99
74) Di-n-butylphthalate	18.311	149	1033500	43.944	ng		99
75) Fluoranthene	19.386	202	1195097	46.747	ng		97
77) Benzidine	19.562	184	210338	20.173	ng		97
78) Pyrene	19.744	202	1247057	45.031	ng		99
80) Butylbenzylphthalate	20.655	149	485551	48.064	ng		94
81) Benzo(a)anthracene	21.577	228	1302285	46.658	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	257598	27.333	ng		99
83) Chrysene	21.642	228	1239278	46.065	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	728499	45.244	ng		98
85) Di-n-octyl phthalate	22.717	149	1256909	47.917	ng		100
87) Indeno(1,2,3-cd)pyrene	28.299	276	1602819	48.923	ng	#	95
88) Benzo(b)fluoranthene	23.745	252	1318333	49.325	ng		98
89) Benzo(k)fluoranthene	23.810	252	1284684	46.961	ng		99
90) Benzo(a)pyrene	24.591	252	1211640	46.648	ng		98
91) Dibenzo(a,h)anthracene	28.369	278	1311916	47.503	ng		96
92) Benzo(g,h,i)perylene	29.409	276	1208395	44.980	ng		98

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

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