Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060199.D
Acq On : 2 Jan 2024 17:51
Operator : MA/JU
Sample : 06039-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC48-NORTHMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 00:38:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	241807	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	1016593	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	774013	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	1874780	20.000	ng		0.00
76) Chrysene-d12	21.590	240	1688174	20.000	ng		0.00
86) Perylene-d12	24.769	264	1869852	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	1728325	107.881	ng		0.00
7) Phenol-d6	7.102	99	2300643	96.718	ng		0.00
23) Nitrobenzene-d5	9.099	82	1352215	61.439	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	1016430	98.102	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	3464581	64.332	ng		0.00
79) Terphenyl-d14	19.945	244	4840767	55.127	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	242457	34.016	ng		99
3) Pyridine	3.800	79	621817	30.760	ng		98
4) n-Nitrosodimethylamine	3.723	42	277274	36.768	ng		90
6) Aniline	7.266	93	503140	21.111	ng		98
8) 2-Chlorophenol	7.501	128	631916	41.041	ng		99
9) Benzaldehyde	7.078	77	160546	11.226	ng		93
10) Phenol	7.131	94	1014323	42.286	ng		95
11) bis(2-Chloroethyl)ether	7.360	93	711637	36.662	ng		95
12) 1,3-Dichlorobenzene	7.824	146	686197	36.103	ng		97
13) 1,4-Dichlorobenzene	7.971	146	709500	36.924	ng		99
14) 1,2-Dichlorobenzene	8.288	146	690282	36.746	ng		99
15) Benzyl Alcohol	8.177	79	638308	43.232	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.465	45	977693	39.247	ng		98
17) 2-Methylphenol	8.377	107	646626	43.051	ng		97
18) Hexachloroethane	9.023	117	233810	38.635	ng		92
19) n-Nitroso-di-n-propyla...	8.741	70	627954	38.643	ng		95
20) 3+4-Methylphenols	8.706	107	883504	41.503	ng		96
22) Acetophenone	8.758	105	1138365	37.795	ng	#	99
24) Nitrobenzene	9.140	77	839385	37.276	ng		98
25) Isophorone	9.663	82	1689312	36.686	ng		98
26) 2-Nitrophenol	9.851	139	327951	41.736	ng		95
27) 2,4-Dimethylphenol	9.910	122	567003	50.941	ng		98
28) bis(2-Chloroethoxy)met...	10.145	93	1044373	38.724	ng		99
29) 2,4-Dichlorophenol	10.386	162	762225	43.330	ng		99
30) 1,2,4-Trichlorobenzene	10.603	180	790240	36.909	ng		98
31) Naphthalene	10.791	128	2005455	37.367	ng		99
32) Benzoic acid	10.051	122	359250	38.659	ng		92
33) 4-Chloroaniline	10.903	127	198464	9.469	ng		99
34) Hexachlorobutadiene	11.073	225	448286	35.204	ng		97
35) Caprolactam	11.667	113	247760m	42.341	ng		
36) 4-Chloro-3-methylphenol	12.025	107	783931	43.302	ng		98
37) 2-Methylnaphthalene	12.401	142	1488457	38.396	ng		98
38) 1-Methylnaphthalene	12.619	142	1457112	37.177	ng		99
40) 1,2,4,5-Tetrachloroben...	12.766	216	971690	39.192	ng		99
41) Hexachlorocyclopentadiene	12.748	237	979398	122.214	ng		98
43) 2,4,6-Trichlorophenol	13.006	196	674877	41.422	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	755770	41.466	ng		99
46) 1,1'-Biphenyl	13.412	154	2288456	40.186	ng		98
47) 2-Chloronaphthalene	13.453	162	1859853	38.334	ng		99
48) 2-Nitroaniline	13.653	65	544165	42.917	ng		96
49) Acenaphthylene	14.299	152	2963614	42.394	ng		98
50) Dimethylphthalate	14.029	163	2567531	42.964	ng		99
51) 2,6-Dinitrotoluene	14.152	165	491162	39.515	ng		99
52) Acenaphthene	14.640	154	1694740	38.850	ng		99
53) 3-Nitroaniline	14.481	138	184038	15.713	ng		99
54) 2,4-Dinitrophenol	14.687	184	551594	76.595	ng		96
55) Dibenzofuran	14.975	168	2877485	39.379	ng		99
56) 4-Nitrophenol	14.793	139	833275	94.122	ng		98
57) 2,4-Dinitrotoluene	14.939	165	692618	40.979	ng		99
58) Fluorene	15.627	166	2344223	39.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	663261	41.751	ng		98
60) Diethylphthalate	15.398	149	2264386	39.734	ng		98
61) 4-Chlorophenyl-phenyle...	15.615	204	1189117	38.105	ng		97
62) 4-Nitroaniline	15.650	138	502542	40.710	ng		97
63) Azobenzene	15.909	77	2405157	40.708	ng		98
65) 4,6-Dinitro-2-methylph...	15.697	198	377995	40.294	ng		91
66) n-Nitrosodiphenylamine	15.833	169	2096852	41.506	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	769218	38.700	ng		99
68) Hexachlorobenzene	16.626	284	881923	37.843	ng		93
69) Atrazine	16.778	200	823549	44.354	ng		98
70) Pentachlorophenol	16.972	266	1058901	82.711	ng		99
71) Phenanthrene	17.366	178	3732869	40.282	ng		98
72) Anthracene	17.460	178	3793496	41.212	ng		96
73) Carbazole	17.730	167	3445085	39.461	ng		98
74) Di-n-butylphthalate	18.288	149	3675195	43.440	ng		97
75) Fluoranthene	19.381	202	4154037	38.216	ng		97
77) Benzidine	19.563	184	1895787	40.575	ng		99
78) Pyrene	19.746	202	4290619	37.809	ng		96
80) Butylbenzylphthalate	20.633	149	1661806	49.664	ng		98
81) Benzo(a)anthracene	21.573	228	4258036	39.670	ng		96
82) 3,3'-Dichlorobenzidine	21.491	252	848520	21.739	ng		97
83) Chrysene	21.637	228	4059887	38.933	ng		97
84) Bis(2-ethylhexyl)phtha...	21.479	149	2508576	49.436	ng		99
85) Di-n-octyl phthalate	22.677	149	4207714	50.657	ng		99
87) Indeno(1,2,3-cd)pyrene	28.394	276	5282233	40.069	ng	#	94
88) Benzo(b)fluoranthene	23.759	252	4457132	39.666	ng		99
89) Benzo(k)fluoranthene	23.829	252	4343508	38.405	ng		99
90) Benzo(a)pyrene	24.622	252	4043654	39.776	ng		99
91) Dibenzo(a,h)anthracene	28.453	278	4405181	40.669	ng		98
92) Benzo(g,h,i)perylene	29.528	276	4182915	38.125	ng		98

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

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