Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060257.D
Acq On : 4 Jan 2024 23:44
Operator : MA/JU
Sample : PB158206BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158206BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 01:47:44 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	7.938	152	183915	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	810994	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	635965	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	1633768	20.000	ng		0.00
76) Chrysene-d12	21.592	240	1490484	20.000	ng		0.00
86) Perylene-d12	24.765	264	1659303	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1721355	141.267	ng		0.00
7) Phenol-d6	7.103	99	2554979	141.221	ng		0.00
23) Nitrobenzene-d5	9.101	82	1481324	84.368	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1214604	142.675	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	3645209	82.378	ng		0.00
79) Terphenyl-d14	19.941	244	5298237	68.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	190025	35.052	ng		93
3) Pyridine	3.801	79	497796	32.377	ng		96
4) n-Nitrosodimethylamine	3.719	42	212744	37.092	ng		85
6) Aniline	7.262	93	507762	28.012	ng		97
8) 2-Chlorophenol	7.503	128	579781	49.508	ng		94
9) Benzaldehyde	7.074	77	122711	11.281	ng		99
10) Phenol	7.127	94	926925	50.806	ng		98
11) bis(2-Chloroethyl)ether	7.356	93	604514	40.946	ng		95
12) 1,3-Dichlorobenzene	7.826	146	582442	40.290	ng		97
13) 1,4-Dichlorobenzene	7.973	146	596351	40.804	ng		97
14) 1,2-Dichlorobenzene	8.290	146	577634	40.429	ng		99
15) Benzyl Alcohol	8.173	79	569204m	50.687	ng		
16) 2,2'-oxybis(1-Chloropr...	8.461	45	768934m	40.583	ng		
17) 2-Methylphenol	8.378	107	588909	51.550	ng		99
18) Hexachloroethane	9.019	117	198454	43.115	ng		97
19) n-Nitroso-di-n-propyla...	8.737	70	531938	43.038	ng		98
20) 3+4-Methylphenols	8.707	107	815981	50.397	ng		99
22) Acetophenone	8.760	105	978219	40.711	ng	#	98
24) Nitrobenzene	9.142	77	764354	42.549	ng		99
25) Isophorone	9.659	82	1484474	40.411	ng		99
26) 2-Nitrophenol	9.853	139	309106	49.310	ng		93
27) 2,4-Dimethylphenol	9.912	122	517206	58.247	ng		97
28) bis(2-Chloroethoxy)met...	10.147	93	904956	42.061	ng		98
29) 2,4-Dichlorophenol	10.388	162	716598	51.064	ng		97
30) 1,2,4-Trichlorobenzene	10.605	180	677643	39.673	ng		99
31) Naphthalene	10.793	128	1774082	41.436	ng		98
32) Benzoic acid	10.053	122	337475	43.699	ng		92
33) 4-Chloroaniline	10.899	127	231207	13.827	ng	#	95
34) Hexachlorobutadiene	11.075	225	392756	38.662	ng		95
35) Caprolactam	11.669	113	237057m	50.782	ng		
36) 4-Chloro-3-methylphenol	12.027	107	728615	50.450	ng		99
37) 2-Methylnaphthalene	12.397	142	1321211	42.722	ng		98
38) 1-Methylnaphthalene	12.620	142	1321888	42.277	ng		97
40) 1,2,4,5-Tetrachloroben...	12.767	216	871524	42.782	ng		99
41) Hexachlorocyclopentadiene	12.744	237	857814	130.277	ng		99
43) 2,4,6-Trichlorophenol	13.008	196	630073	47.067	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	708030	47.279	ng		97
46) 1,1'-Biphenyl	13.408	154	2059866	44.023	ng		99
47) 2-Chloronaphthalene	13.455	162	1694572	42.509	ng		99
48) 2-Nitroaniline	13.655	65	533574	51.217	ng		98
49) Acenaphthylene	14.301	152	2740884	47.719	ng		98
50) Dimethylphthalate	14.031	163	2202164	44.849	ng		99
51) 2,6-Dinitrotoluene	14.148	165	489414	47.921	ng		96
52) Acenaphthene	14.642	154	1565234	43.670	ng		97
53) 3-Nitroaniline	14.483	138	211589	21.987	ng	#	95
54) 2,4-Dinitrophenol	14.689	184	567018	93.760	ng		94
55) Dibenzofuran	14.976	168	2685345	44.727	ng		99
56) 4-Nitrophenol	14.794	139	816990	112.315	ng		92
57) 2,4-Dinitrotoluene	14.941	165	703581	50.664	ng		96
58) Fluorene	15.623	166	2226919	45.224	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	652879	50.018	ng		99
60) Diethylphthalate	15.394	149	2132910	45.551	ng		99
61) 4-Chlorophenyl-phenyle...	15.617	204	1125497	43.896	ng		98
62) 4-Nitroaniline	15.646	138	478179	47.145	ng		96
63) Azobenzene	15.911	77	2189656	45.105	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	400564	48.999	ng		99
66) n-Nitrosodiphenylamine	15.834	169	1972793	44.811	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	733468	42.345	ng		99
68) Hexachlorobenzene	16.627	284	853823	42.042	ng		98
69) Atrazine	16.780	200	788668	48.741	ng		98
70) Pentachlorophenol	16.974	266	1055611	94.617	ng		98
71) Phenanthrene	17.368	178	3558101	44.060	ng		98
72) Anthracene	17.456	178	3653999	45.553	ng		97
73) Carbazole	17.726	167	3340048	43.901	ng		98
74) Di-n-butylphthalate	18.284	149	3438235	46.634	ng		98
75) Fluoranthene	19.383	202	4033756	42.584	ng		97
77) Benzidine	19.565	184	1411996	34.229	ng		99
78) Pyrene	19.741	202	4192443	41.844	ng		96
80) Butylbenzylphthalate	20.635	149	1612927	54.596	ng		98
81) Benzo(a)anthracene	21.569	228	4156954	43.866	ng		97
82) 3,3'-Dichlorobenzidine	21.492	252	930834	27.011	ng		99
83) Chrysene	21.639	228	4002297	43.472	ng		96
84) Bis(2-ethylhexyl)phtha...	21.481	149	2383040	53.191	ng		99
85) Di-n-octyl phthalate	22.673	149	3994622	54.470	ng		98
87) Indeno(1,2,3-cd)pyrene	28.390	276	5387832	46.056	ng		100
88) Benzo(b)fluoranthene	23.760	252	4391573	44.041	ng		99
89) Benzo(k)fluoranthene	23.825	252	4366711	43.510	ng		99
90) Benzo(a)pyrene	24.618	252	4002127	44.363	ng		98
91) Dibenzo(a,h)anthracene	28.455	278	4445598	46.250	ng		99
92) Benzo(g,h,i)perylene	29.530	276	4288734	44.050	ng		98

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

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