Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060363.D
Acq On : 19 Jan 2024 10:02
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 06:28:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	216344	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	949494	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	713104	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1763924	20.000	ng		0.00
76) Chrysene-d12	21.584	240	1537353	20.000	ng		0.00
86) Perylene-d12	24.750	264	1727801	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	921197	70.035	ng		0.00
7) Phenol-d6	7.095	99	1675265	86.012	ng		0.00
23) Nitrobenzene-d5	9.098	82	1677019	83.401	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	866161	82.556	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3927176	76.567	ng		0.00
79) Terphenyl-d14	19.933	244	5490546	93.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	239320	39.831	ng		99
3) Pyridine	3.804	79	609502	35.954	ng		92
4) n-Nitrosodimethylamine	3.722	42	157802	29.744	ng	#	89
6) Aniline	7.259	93	843004	43.302	ng		98
8) 2-Chlorophenol	7.494	128	547223	41.979	ng		96
9) Benzaldehyde	7.071	77	443345	39.656	ng		98
10) Phenol	7.124	94	839441	42.986	ng		99
11) bis(2-Chloroethyl)ether	7.353	93	644616	40.509	ng		98
12) 1,3-Dichlorobenzene	7.817	146	654113	39.977	ng		96
13) 1,4-Dichlorobenzene	7.964	146	658054	39.639	ng		99
14) 1,2-Dichlorobenzene	8.287	146	665751	39.000	ng		99
15) Benzyl Alcohol	8.170	79	545634	43.277	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.458	45	777045	40.233	ng		99
17) 2-Methylphenol	8.375	107	560832	41.813	ng		97
18) Hexachloroethane	9.016	117	235715	40.496	ng		93
19) n-Nitroso-di-n-propyla...	8.734	70	566643	42.035	ng		98
20) 3+4-Methylphenols	8.699	107	793791	43.893	ng		93
22) Acetophenone	8.751	105	1043420	39.978	ng		99
24) Nitrobenzene	9.139	77	826935	39.671	ng		99
25) Isophorone	9.656	82	1594895	39.496	ng		97
26) 2-Nitrophenol	9.844	139	334133	43.597	ng		97
27) 2,4-Dimethylphenol	9.903	122	410634	40.548	ng		94
28) bis(2-Chloroethoxy)met...	10.138	93	925182	37.498	ng		95
29) 2,4-Dichlorophenol	10.379	162	671079	40.892	ng		100
30) 1,2,4-Trichlorobenzene	10.596	180	791907	38.787	ng		94
31) Naphthalene	10.784	128	2003144	40.247	ng		98
32) Benzoic acid	10.044	122	357453	41.675	ng		89
33) 4-Chloroaniline	10.896	127	791254	41.260	ng		98
34) Hexachlorobutadiene	11.066	225	505567	38.012	ng		98
35) Caprolactam	11.666	113	232941	44.070	ng		94
36) 4-Chloro-3-methylphenol	12.018	107	691560	41.481	ng		97
37) 2-Methylnaphthalene	12.394	142	1438044	38.957	ng		97
38) 1-Methylnaphthalene	12.612	142	1446475	39.023	ng		97
40) 1,2,4,5-Tetrachloroben...	12.759	216	922099	36.409	ng		100
41) Hexachlorocyclopentadiene	12.735	237	321096	38.187	ng		98
43) 2,4,6-Trichlorophenol	12.999	196	634839	39.388	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	716931	40.329	ng	97
46) 1,1'-Biphenyl	13.399	154	2027290	37.663	ng	98
47) 2-Chloronaphthalene	13.446	162	1748775	37.923	ng	100
48) 2-Nitroaniline	13.652	65	495242	43.124	ng	97
49) Acenaphthylene	14.292	152	2549811	40.153	ng	99
50) Dimethylphthalate	14.022	163	2159521	39.629	ng	98
51) 2,6-Dinitrotoluene	14.145	165	501388	43.119	ng	96
52) Acenaphthene	14.633	154	1592221	40.267	ng	99
53) 3-Nitroaniline	14.474	138	468219	44.191	ng	99
54) 2,4-Dinitrophenol	14.680	184	262877	41.871	ng	97
55) Dibenzofuran	14.968	168	2605710	39.476	ng	98
56) 4-Nitrophenol	14.786	139	369070	46.962	ng	97
57) 2,4-Dinitrotoluene	14.932	165	699454	43.866	ng	95
58) Fluorene	15.620	166	2140441	39.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	636605	42.171	ng	98
60) Diethylphthalate	15.385	149	2115315	40.433	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	1161786	38.582	ng	98
62) 4-Nitroaniline	15.643	138	488038	43.278	ng	96
63) Azobenzene	15.902	77	2093849	39.570	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	432153	44.285	ng	98
66) n-Nitrosodiphenylamine	15.826	169	1900946	40.587	ng	99
67) 4-Bromophenyl-phenylether	16.501	248	770897	39.774	ng	97
68) Hexachlorobenzene	16.619	284	892034	38.881	ng	96
69) Atrazine	16.771	200	664537	37.628	ng	98
70) Pentachlorophenol	16.965	266	581545	47.026	ng	94
71) Phenanthrene	17.359	178	3388784	39.746	ng	99
72) Anthracene	17.447	178	3391043	39.837	ng	98
73) Carbazole	17.723	167	3237147	40.338	ng	99
74) Di-n-butylphthalate	18.276	149	3450888	41.793	ng	100
75) Fluoranthene	19.374	202	3949069	38.563	ng	97
77) Benzidine	19.556	184	1536448	46.002	ng	99
78) Pyrene	19.739	202	4107881	41.843	ng	95
80) Butylbenzylphthalate	20.620	149	1603677	47.479	ng	97
81) Benzo(a)anthracene	21.560	228	3874289	40.708	ng	98
82) 3,3'-Dichlorobenzidine	21.484	252	1491488	40.921	ng	100
83) Chrysene	21.631	228	3694043	39.465	ng	97
84) Bis(2-ethylhexyl)phtha...	21.466	149	2310897	45.277	ng	98
85) Di-n-octyl phthalate	22.653	149	3832768	46.340	ng	99
87) Indeno(1,2,3-cd)pyrene	28.364	276	4794262	39.907	ng	99
88) Benzo(b)fluoranthene	23.746	252	4106341	40.230	ng	97
89) Benzo(k)fluoranthene	23.810	252	4082533	40.532	ng	99
90) Benzo(a)pyrene	24.598	252	3672942	39.834	ng	100
91) Dibenzo(a,h)anthracene	28.428	278	3951177	40.272	ng	99
92) Benzo(g,h,i)perylene	29.504	276	4081188	40.587	ng	99

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

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