Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053831.D
Acq On : 6 Jun 2022 16:25
Operator : CG/JU
Sample : N3176-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMS

Quant Time: Jun 07 04:19:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	26797	20.000	ng		0.00
21) Naphthalene-d8	10.902	136	109951	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	80772	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	197122	20.000	ng		0.00
76) Chrysene-d12	21.737	240	198415	20.000	ng		0.00
86) Perylene-d12	25.004	264	208167	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	124838	85.549	ng		0.00
7) Phenol-d6	7.242	99	167804	84.891	ng		0.00
23) Nitrobenzene-d5	9.251	82	101609	60.686	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	99104	101.079	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	256769	47.557	ng		0.00
79) Terphenyl-d14	20.062	244	473684	47.494	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	27950	39.612	ng		93
3) Pyridine	3.946	79	71339	41.712	ng		90
4) n-Nitrosodimethylamine	3.858	42	40939	53.014	ng	#	94
6) Aniline	7.412	93	68764	28.582	ng		99
8) 2-Chlorophenol	7.653	128	86094	57.635	ng		94
9) Benzaldehyde	7.224	77	53687	40.731	ng	#	78
10) Phenol	7.271	94	110692	54.193	ng		96
11) bis(2-Chloroethyl)ether	7.506	93	77885	48.479	ng		95
12) 1,3-Dichlorobenzene	7.982	146	95222	50.093	ng		91
13) 1,4-Dichlorobenzene	8.129	146	97112	50.235	ng		96
14) 1,2-Dichlorobenzene	8.447	146	92692	50.049	ng		96
15) Benzyl Alcohol	8.323	79	81868	55.332	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.623	45	124775	44.267	ng		99
17) 2-Methylphenol	8.529	107	74781	53.561	ng		91
18) Hexachloroethane	9.181	117	32249	50.418	ng	#	84
19) n-Nitroso-di-n-propyla...	8.893	70	66172	47.265	ng		94
20) 3+4-Methylphenols	8.852	107	102791	54.188	ng		95
22) Acetophenone	8.911	105	128255	47.239	ng	#	99
24) Nitrobenzene	9.293	77	93727	50.218	ng	#	89
25) Isophorone	9.821	82	183432	48.879	ng		96
26) 2-Nitrophenol	10.009	139	43049	69.662	ng	#	82
27) 2,4-Dimethylphenol	10.062	122	84550	62.671	ng		89
28) bis(2-Chloroethoxy)met...	10.297	93	107833	52.878	ng		96
29) 2,4-Dichlorophenol	10.544	162	98005	60.484	ng		94
30) 1,2,4-Trichlorobenzene	10.761	180	104473	50.942	ng		97
31) Naphthalene	10.955	128	262837	46.707	ng		100
33) 4-Chloroaniline	11.049	127	59088	25.327	ng		96
34) Hexachlorobutadiene	11.243	225	73930	50.883	ng		94
35) Caprolactam	11.819	113	30027	64.838	ng		92
36) 4-Chloro-3-methylphenol	12.166	107	98831	57.308	ng		91
37) 2-Methylnaphthalene	12.553	142	193341	47.361	ng		97
38) 1-Methylnaphthalene	12.771	142	186512	46.720	ng		100
40) 1,2,4,5-Tetrachloroben...	12.918	216	138105	50.918	ng		97
41) Hexachlorocyclopentadiene	12.900	237	147248	106.801	ng		98
43) 2,4,6-Trichlorophenol	13.153	196	94160	64.011	ng		98
44) 2,4,5-Trichlorophenol	13.217	196	102965	62.911	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.552	154	274204	47.633	ng		98
47) 2-Chloronaphthalene	13.593	162	216570	48.358	ng		97
48) 2-Nitroaniline	13.787	65	62214	53.913	ng		88
49) Acenaphthylene	14.439	152	355214	49.441	ng		100
50) Dimethylphthalate	14.163	163	274526	46.378	ng		98
51) 2,6-Dinitrotoluene	14.281	165	58474	54.525	ng	#	80
52) Acenaphthene	14.780	154	210547	46.126	ng		98
53) 3-Nitroaniline	14.604	138	42513	37.755	ng		91
54) 2,4-Dinitrophenol	14.816	184	17856	36.552	ng	#	72
55) Dibenzofuran	15.109	168	343046	47.144	ng		95
56) 4-Nitrophenol	14.910	139	100338	104.782	ng	#	85
57) 2,4-Dinitrotoluene	15.068	165	81301	55.520	ng		87
58) Fluorene	15.761	166	277753	46.101	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.333	232	97367	54.368	ng	#	94
60) Diethylphthalate	15.526	149	277049	46.214	ng		97
61) 4-Chlorophenyl-phenyle...	15.750	204	159723	49.175	ng		93
62) 4-Nitroaniline	15.767	138	61213	49.173	ng	#	76
63) Azobenzene	16.043	77	244128	43.521	ng		93
65) 4,6-Dinitro-2-methylph...	15.826	198	29298	39.889	ng		88
66) n-Nitrosodiphenylamine	15.961	169	256401	48.915	ng		96
67) 4-Bromophenyl-phenylether	16.643	248	113192	52.850	ng		96
68) Hexachlorobenzene	16.766	284	122128	51.156	ng		95
69) Atrazine	16.907	200	110005	53.600	ng		94
70) Pentachlorophenol	17.107	266	98339	65.679	ng		95
71) Phenanthrene	17.501	178	490104	47.236	ng		97
72) Anthracene	17.589	178	493289	48.578	ng		99
73) Carbazole	17.853	167	438023	47.787	ng		99
74) Di-n-butylphthalate	18.417	149	499394	47.379	ng	#	98
75) Fluoranthene	19.504	202	624362	46.395	ng		96
77) Benzidine	19.675	184	205149	42.283	ng		99
78) Pyrene	19.868	202	627381	49.720	ng		98
80) Butylbenzylphthalate	20.750	149	214882	52.216	ng		94
81) Benzo(a)anthracene	21.713	228	636762	48.340	ng		98
82) 3,3'-Dichlorobenzidine	21.625	252	117501	31.648	ng		97
83) Chrysene	21.784	228	589405	47.404	ng		97
84) Bis(2-ethylhexyl)phtha...	21.625	149	316982	53.565	ng		95
85) Di-n-octyl phthalate	22.859	149	544297	55.308	ng		98
87) Indeno(1,2,3-cd)pyrene	28.746	276	728286	47.465	ng	#	98
88) Benzo(b)fluoranthene	23.970	252	634589	49.103	ng		99
89) Benzo(k)fluoranthene	24.034	252	623364	48.798	ng		98
90) Benzo(a)pyrene	24.851	252	619576	56.687	ng	#	98
91) Dibenzo(a,h)anthracene	28.817	278	623968	49.212	ng		98
92) Benzo(g,h,i)perylene	29.910	276	629009	50.329	ng		95

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

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