Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
Data File : BG060581.D
Acq On : 6 Mar 2024 21:13
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030624

Quant Time: Mar 07 02:50:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 07 02:50:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.329	152	72642	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	322785	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	217759	20.000	ng		0.00
64) Phenanthrene-d10	17.700	188	491355	20.000	ng		0.00
76) Chrysene-d12	22.025	240	454833	20.000	ng		0.00
86) Perylene-d12	25.585	264	537616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	375659	83.157	ng		0.00
7) Phenol-d6	7.436	99	538677	80.555	ng		0.00
23) Nitrobenzene-d5	9.527	82	462578	97.007	ng		0.00
42) 2,4,6-Tribromophenol	16.437	330	223746	84.917	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	1256235	75.872	ng		0.00
79) Terphenyl-d14	20.280	244	1994360	78.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	78301	39.228	ng		93
3) Pyridine	4.069	79	218289	39.986	ng		93
4) n-Nitrosodimethylamine	3.999	42	118636	38.837	ng	#	99
6) Aniline	7.647	93	272071	40.683	ng		99
8) 2-Chlorophenol	7.876	128	197799	42.254	ng		95
9) Benzaldehyde	7.471	77	159564	39.291	ng		91
10) Phenol	7.465	94	267178	40.629	ng		98
11) bis(2-Chloroethyl)ether	7.741	93	207737	39.170	ng		98
12) 1,3-Dichlorobenzene	8.205	146	230774	39.297	ng		99
13) 1,4-Dichlorobenzene	8.358	146	233740	39.042	ng		99
14) 1,2-Dichlorobenzene	8.681	146	236364	40.673	ng		99
15) Benzyl Alcohol	8.564	79	204796	42.120	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.840	45	411396	39.806	ng		99
17) 2-Methylphenol	8.740	107	189437	40.144	ng		98
18) Hexachloroethane	9.416	117	81240	43.568	ng		96
19) n-Nitroso-di-n-propyla...	9.134	70	183382	40.538	ng		96
20) 3+4-Methylphenols	9.075	107	263210	41.247	ng		98
22) Acetophenone	9.169	105	362114	39.780	ng	#	98
24) Nitrobenzene	9.569	77	244865	47.828	ng		95
25) Isophorone	10.080	82	525414	39.498	ng		98
26) 2-Nitrophenol	10.274	139	77364	49.215	ng		95
27) 2,4-Dimethylphenol	10.297	122	160970	40.201	ng		96
28) bis(2-Chloroethoxy)met...	10.562	93	287491	38.313	ng		96
29) 2,4-Dichlorophenol	10.797	162	198535	40.218	ng		99
30) 1,2,4-Trichlorobenzene	11.020	180	218827	38.645	ng		97
31) Naphthalene	11.225	128	714587	38.405	ng		99
32) Benzoic acid	10.403	122	119603	47.752	ng		91
33) 4-Chloroaniline	11.337	127	275858	39.379	ng		97
34) Hexachlorobutadiene	11.455	225	148891	38.615	ng		100
35) Caprolactam	12.130	113	72841	45.604	ng	#	81
36) 4-Chloro-3-methylphenol	12.401	107	252123	43.213	ng		97
37) 2-Methylnaphthalene	12.800	142	490075	39.427	ng		99
38) 1-Methylnaphthalene	13.018	142	486684	39.149	ng		95
40) 1,2,4,5-Tetrachloroben...	13.141	216	259558	38.647	ng		100
41) Hexachlorocyclopentadiene	13.100	237	89143	39.392	ng		98
43) 2,4,6-Trichlorophenol	13.382	196	168600	40.174	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	189088	40.764	ng		97
46) 1,1'-Biphenyl	13.793	154	649809	38.196	ng		99
47) 2-Chloronaphthalene	13.846	162	512164	37.536	ng		100
48) 2-Nitroaniline	14.057	65	139292	48.075	ng		96
49) Acenaphthylene	14.686	152	779308	37.661	ng		98
50) Dimethylphthalate	14.398	163	641835	39.696	ng		99
51) 2,6-Dinitrotoluene	14.539	165	110339	49.049	ng		97
52) Acenaphthene	15.021	154	493397	38.387	ng		99
53) 3-Nitroaniline	14.874	138	118898	47.884	ng	#	92
54) 2,4-Dinitrophenol	15.068	184	42570	46.338	ng		88
55) Dibenzofuran	15.350	168	775614	38.091	ng		98
56) 4-Nitrophenol	15.133	139	105161	49.918	ng		91
57) 2,4-Dinitrotoluene	15.315	165	139909	50.251	ng	#	87
58) Fluorene	15.996	166	636613	38.204	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.550	232	164113	41.831	ng		98
60) Diethylphthalate	15.744	149	682518	40.007	ng		99
61) 4-Chlorophenyl-phenyle...	15.979	204	315753	37.920	ng		98
62) 4-Nitroaniline	16.037	138	137175	47.339	ng		96
63) Azobenzene	16.273	77	693667	38.957	ng		99
65) 4,6-Dinitro-2-methylph...	16.061	198	64377	47.110	ng		98
66) n-Nitrosodiphenylamine	16.202	169	573551	38.603	ng		99
67) 4-Bromophenyl-phenylether	16.878	248	206355	37.611	ng		99
68) Hexachlorobenzene	16.966	284	254150	39.293	ng		99
69) Atrazine	17.130	200	165354	44.737	ng		98
70) Pentachlorophenol	17.318	266	157143	43.756	ng		99
71) Phenanthrene	17.747	178	1008221	38.609	ng		99
72) Anthracene	17.835	178	1010090	38.985	ng		99
73) Carbazole	18.112	167	947891	38.925	ng		100
74) Di-n-butylphthalate	18.623	149	1158614	42.184	ng		99
75) Fluoranthene	19.739	202	1240196	40.153	ng		99
77) Benzidine	19.921	184	244853	47.563	ng		98
78) Pyrene	20.097	202	1273264	39.135	ng		99
80) Butylbenzylphthalate	20.967	149	482020	40.329	ng		97
81) Benzo(a)anthracene	22.007	228	1219953	38.867	ng		99
82) 3,3'-Dichlorobenzidine	21.913	252	409909	41.086	ng		100
83) Chrysene	22.077	228	1186854	38.913	ng		99
84) Bis(2-ethylhexyl)phtha...	21.854	149	721046	40.166	ng		98
85) Di-n-octyl phthalate	23.188	149	1196411	40.414	ng		100
87) Indeno(1,2,3-cd)pyrene	29.716	276	1446634	38.778	ng		97
88) Benzo(b)fluoranthene	24.439	252	1222090	38.344	ng		99
89) Benzo(k)fluoranthene	24.516	252	1214421	38.529	ng		100
90) Benzo(a)pyrene	25.421	252	1083039	38.695	ng		98
91) Dibenzo(a,h)anthracene	29.810	278	1212083	39.511	ng		98
92) Benzo(g,h,i)perylene	31.038	276	1203902	38.538	ng		98

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

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