Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
Data File : BG060626.D
Acq On : 13 Mar 2024 14:06
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Mar 14 00:38:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:26:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.326	152	92802	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	423213	20.000	ng		0.00
39) Acenaphthene-d10	14.954	164	272468	20.000	ng		0.00
64) Phenanthrene-d10	17.698	188	576741	20.000	ng		0.00
76) Chrysene-d12	22.022	240	519150	20.000	ng		0.00
86) Perylene-d12	25.577	264	588579	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	595491	100.871	ng		0.00
7) Phenol-d6	7.439	99	866364	101.168	ng		0.00
23) Nitrobenzene-d5	9.525	82	844789	103.886	ng		0.00
42) 2,4,6-Tribromophenol	16.434	330	338445	107.193	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	1988227	98.660	ng		0.00
79) Terphenyl-d14	20.277	244	2764972	96.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	119232	48.251	ng		99
3) Pyridine	4.072	79	359859	49.274	ng		97
4) n-Nitrosodimethylamine	3.996	42	176187	49.179	ng		97
6) Aniline	7.650	93	533467	50.979	ng		98
8) 2-Chlorophenol	7.874	128	323706	50.161	ng		99
9) Benzaldehyde	7.474	77	231618	48.316	ng		97
10) Phenol	7.468	94	429400	49.973	ng		98
11) bis(2-Chloroethyl)ether	7.739	93	332166	48.493	ng		98
12) 1,3-Dichlorobenzene	8.203	146	345779	49.687	ng		97
13) 1,4-Dichlorobenzene	8.361	146	352624	49.987	ng		99
14) 1,2-Dichlorobenzene	8.685	146	344910	49.230	ng		99
15) Benzyl Alcohol	8.567	79	342277	50.555	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.837	45	658096m	49.492	ng		
17) 2-Methylphenol	8.743	107	331259	50.206	ng		99
18) Hexachloroethane	9.413	117	120297	49.920	ng		97
19) n-Nitroso-di-n-propyla...	9.137	70	295000	49.697	ng		97
20) 3+4-Methylphenols	9.078	107	447079	50.240	ng		98
22) Acetophenone	9.172	105	565815	49.867	ng	#	97
24) Nitrobenzene	9.572	77	415878	51.154	ng		99
25) Isophorone	10.077	82	821899	50.498	ng		97
26) 2-Nitrophenol	10.277	139	164133	49.754	ng		95
27) 2,4-Dimethylphenol	10.294	122	348327	48.354	ng		99
28) bis(2-Chloroethoxy)met...	10.559	93	476091	48.794	ng		99
29) 2,4-Dichlorophenol	10.794	162	327859	50.711	ng		97
30) 1,2,4-Trichlorobenzene	11.017	180	336332	48.994	ng		99
31) Naphthalene	11.223	128	1171081	49.541	ng		100
32) Benzoic acid	10.412	122	234328m	48.797	ng		
33) 4-Chloroaniline	11.334	127	499767	50.138	ng		99
34) Hexachlorobutadiene	11.452	225	234379	50.056	ng		94
35) Caprolactam	12.133	113	111280	51.130	ng		92
36) 4-Chloro-3-methylphenol	12.404	107	400708	50.574	ng		99
37) 2-Methylnaphthalene	12.803	142	803711	49.227	ng		98
38) 1-Methylnaphthalene	13.021	142	753183	49.150	ng		97
40) 1,2,4,5-Tetrachloroben...	13.144	216	421351	50.356	ng		99
41) Hexachlorocyclopentadiene	13.097	237	218840	53.184	ng		96
43) 2,4,6-Trichlorophenol	13.385	196	278131	51.766	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.450	196	329484	51.839	ng		97
46) 1,1'-Biphenyl	13.790	154	1021096	49.303	ng		97
47) 2-Chloronaphthalene	13.843	162	774164	49.529	ng		95
48) 2-Nitroaniline	14.055	65	283428	54.942	ng		99
49) Acenaphthylene	14.683	152	1281969	50.347	ng		98
50) Dimethylphthalate	14.401	163	1021181	49.973	ng		98
51) 2,6-Dinitrotoluene	14.537	165	199825	53.070	ng		98
52) Acenaphthene	15.018	154	746795	49.080	ng		100
53) 3-Nitroaniline	14.877	138	229424	52.918	ng		94
54) 2,4-Dinitrophenol	15.065	184	85832	47.562	ng		91
55) Dibenzofuran	15.347	168	1220349	49.535	ng		99
56) 4-Nitrophenol	15.136	139	171196	52.919	ng		95
57) 2,4-Dinitrotoluene	15.312	165	258864	54.650	ng		97
58) Fluorene	15.994	166	978336	49.634	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.553	232	280049m	52.695	ng		
60) Diethylphthalate	15.741	149	1047965	49.842	ng		99
61) 4-Chlorophenyl-phenyle...	15.976	204	493200	49.398	ng		98
62) 4-Nitroaniline	16.035	138	234159m	52.758	ng		
63) Azobenzene	16.276	77	1082115	49.731	ng		98
65) 4,6-Dinitro-2-methylph...	16.058	198	125842	48.257	ng		91
66) n-Nitrosodiphenylamine	16.199	169	895037	49.587	ng		100
67) 4-Bromophenyl-phenylether	16.875	248	310622	49.944	ng		95
68) Hexachlorobenzene	16.963	284	353026	49.370	ng		97
69) Atrazine	17.134	200	301243	49.899	ng		99
70) Pentachlorophenol	17.316	266	245177	52.901	ng		97
71) Phenanthrene	17.745	178	1511561	48.654	ng		100
72) Anthracene	17.833	178	1550118	49.347	ng		99
73) Carbazole	18.109	167	1369833	50.152	ng		99
74) Di-n-butylphthalate	18.620	149	1689754	50.766	ng		99
75) Fluoranthene	19.736	202	1722132	50.112	ng		100
77) Benzidine	19.924	184	674369	53.107	ng		98
78) Pyrene	20.101	202	1784781	49.263	ng		99
80) Butylbenzylphthalate	20.964	149	726929	53.074	ng		97
81) Benzo(a)anthracene	21.998	228	1793673	50.179	ng		100
82) 3,3'-Dichlorobenzidine	21.910	252	619739	51.439	ng		93
83) Chrysene	22.075	228	1713488	49.369	ng		98
84) Bis(2-ethylhexyl)phtha...	21.840	149	1057367	52.264	ng		99
85) Di-n-octyl phthalate	23.173	149	1775170	53.284	ng		99
87) Indeno(1,2,3-cd)pyrene	29.707	276	2064415	51.442	ng	#	89
88) Benzo(b)fluoranthene	24.431	252	1614092	49.849	ng		99
89) Benzo(k)fluoranthene	24.507	252	1727448	50.781	ng		99
90) Benzo(a)pyrene	25.412	252	1616038	50.906	ng		99
91) Dibenzo(a,h)anthracene	29.795	278	1728983	50.704	ng		96
92) Benzo(g,h,i)perylene	31.035	276	1685867	51.089	ng		98

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

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