Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
Data File : BG060629.D
Acq On : 13 Mar 2024 16:08
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG031324

Quant Time: Mar 14 00:47:28 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 00:45:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	95545	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	445386	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	303357	20.000	ng		0.00
64) Phenanthrene-d10	17.701	188	629226	20.000	ng		0.00
76) Chrysene-d12	22.019	240	565660	20.000	ng		0.00
86) Perylene-d12	25.574	264	639152	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.809	112	462281	76.059	ng		0.00
7) Phenol-d6	7.436	99	675600	76.627	ng		0.00
23) Nitrobenzene-d5	9.522	82	657978	76.885	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	290177	82.547	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	1634743	72.859	ng		0.00
79) Terphenyl-d14	20.274	244	2340543	74.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	92770	36.465	ng		98
3) Pyridine	4.069	79	250390	33.301	ng		97
4) n-Nitrosodimethylamine	3.999	42	143694	38.958	ng		94
6) Aniline	7.648	93	431609	40.062	ng		96
8) 2-Chlorophenol	7.871	128	270880	40.770	ng		98
9) Benzaldehyde	7.466	77	187277	37.945	ng		99
10) Phenol	7.466	94	366939	41.478	ng		97
11) bis(2-Chloroethyl)ether	7.736	93	277895	39.405	ng		100
12) 1,3-Dichlorobenzene	8.206	146	302937	42.281	ng		99
13) 1,4-Dichlorobenzene	8.359	146	307871	42.390	ng		99
14) 1,2-Dichlorobenzene	8.682	146	301467	41.794	ng		99
15) Benzyl Alcohol	8.564	79	290924	41.737	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.846	45	557206	40.699	ng		99
17) 2-Methylphenol	8.741	107	262048	38.576	ng		99
18) Hexachloroethane	9.410	117	105276	42.433	ng		99
19) n-Nitroso-di-n-propyla...	9.134	70	244303	39.975	ng		98
20) 3+4-Methylphenols	9.075	107	358777	39.160	ng		97
22) Acetophenone	9.169	105	492815	41.271	ng	#	98
24) Nitrobenzene	9.569	77	346155	40.458	ng		98
25) Isophorone	10.074	82	721246	42.108	ng		99
26) 2-Nitrophenol	10.274	139	142316	41.386	ng		95
27) 2,4-Dimethylphenol	10.292	122	260237	34.327	ng		97
28) bis(2-Chloroethoxy)met...	10.556	93	415301	40.445	ng		99
29) 2,4-Dichlorophenol	10.791	162	282094	41.460	ng		99
30) 1,2,4-Trichlorobenzene	11.014	180	297784	41.219	ng		96
31) Naphthalene	11.220	128	989876	39.791	ng		99
32) Benzoic acid	10.409	122	196287	40.478	ng		95
33) 4-Chloroaniline	11.337	127	417798	39.828	ng		97
34) Hexachlorobutadiene	11.449	225	199165	40.418	ng		98
35) Caprolactam	12.131	113	98653	43.072	ng		97
36) 4-Chloro-3-methylphenol	12.401	107	353945	42.448	ng		98
37) 2-Methylnaphthalene	12.800	142	653715	38.046	ng		98
38) 1-Methylnaphthalene	13.018	142	644093	39.938	ng		99
40) 1,2,4,5-Tetrachloroben...	13.141	216	380910	40.887	ng		100
41) Hexachlorocyclopentadiene	13.094	237	194278	42.407	ng		97
43) 2,4,6-Trichlorophenol	13.376	196	243485	40.703	ng		98

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44) 2,4,5-Trichlorophenol	13.447	196	267519	37.804	ng		96
46) 1,1'-Biphenyl	13.788	154	927950	40.243	ng		99
47) 2-Chloronaphthalene	13.840	162	706383	40.591	ng		97
48) 2-Nitroaniline	14.052	65	242316	42.189	ng		99
49) Acenaphthylene	14.681	152	1184091	41.768	ng		98
50) Dimethylphthalate	14.399	163	896572	39.407	ng		99
51) 2,6-Dinitrotoluene	14.534	165	179834	42.897	ng		99
52) Acenaphthene	15.015	154	654902	38.658	ng		98
53) 3-Nitroaniline	14.874	138	196640	40.738	ng		94
54) 2,4-Dinitrophenol	15.068	184	77276	39.770	ng		97
55) Dibenzofuran	15.345	168	1074524	39.174	ng		99
56) 4-Nitrophenol	15.133	139	155247	43.102	ng		97
57) 2,4-Dinitrotoluene	15.309	165	229210	43.462	ng	#	95
58) Fluorene	15.991	166	863253	39.336	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	245015m	41.519	ng		
60) Diethylphthalate	15.738	149	920109	39.305	ng		99
61) 4-Chlorophenyl-phenyle...	15.979	204	426518	38.369	ng		97
62) 4-Nitroaniline	16.032	138	205612	41.598	ng		95
63) Azobenzene	16.273	77	950383	39.230	ng		98
65) 4,6-Dinitro-2-methylph...	16.061	198	108829	39.250	ng		93
66) n-Nitrosodiphenylamine	16.196	169	793747	40.307	ng		99
67) 4-Bromophenyl-phenylether	16.872	248	272319	40.133	ng		96
68) Hexachlorobenzene	16.960	284	333122	42.700	ng		98
69) Atrazine	17.131	200	259867	39.455	ng		100
70) Pentachlorophenol	17.313	266	188231	37.226	ng		97
71) Phenanthrene	17.742	178	1364225	40.249	ng		99
72) Anthracene	17.830	178	1379189	40.243	ng		99
73) Carbazole	18.106	167	1222935	41.040	ng		99
74) Di-n-butylphthalate	18.617	149	1520723	41.877	ng		99
75) Fluoranthene	19.733	202	1521017	40.568	ng		99
77) Benzidine	19.922	184	603797	43.640	ng		98
78) Pyrene	20.098	202	1573501	39.860	ng		99
80) Butylbenzylphthalate	20.961	149	621550	41.649	ng		96
81) Benzo(a)anthracene	21.996	228	1568614	40.275	ng		99
82) 3,3'-Dichlorobenzidine	21.907	252	549628	41.868	ng		94
83) Chrysene	22.072	228	1476068	39.031	ng		99
84) Bis(2-ethylhexyl)phtha...	21.837	149	918088	41.648	ng		99
85) Di-n-octyl phthalate	23.171	149	1558468	42.933	ng		99
87) Indeno(1,2,3-cd)pyrene	29.698	276	1818899	41.720	ng	#	95
88) Benzo(b)fluoranthene	24.422	252	1487671	42.309	ng		99
89) Benzo(k)fluoranthene	24.504	252	1448266	39.205	ng		98
90) Benzo(a)pyrene	25.403	252	1327105	38.497	ng		100
91) Dibenzo(a,h)anthracene	29.786	278	1526850	41.255	ng		97
92) Benzo(g,h,i)perylene	31.014	276	1455400	40.615	ng		99

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

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