Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
Data File : BG060672.D
Acq On : 15 Mar 2024 20:52
Operator : MA/JU
Sample : P1764-11MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MS

Quant Time: Mar 15 23:40:37 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	102100	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	492382	20.000	ng		0.00
39) Acenaphthene-d10	14.950	164	324657	20.000	ng		0.00
64) Phenanthrene-d10	17.694	188	668525	20.000	ng		0.00
76) Chrysene-d12	22.018	240	596495	20.000	ng		0.00
86) Perylene-d12	25.567	264	679382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	566192	87.174	ng		0.00
7) Phenol-d6	7.441	99	810310	86.005	ng		0.00
23) Nitrobenzene-d5	9.521	82	490128	51.805	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	333331	88.602	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	1201010	50.016	ng		0.00
79) Terphenyl-d14	20.273	244	1702023	51.576	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	98082	36.077	ng		96
3) Pyridine	4.063	79	251242	31.269	ng		96
4) n-Nitrosodimethylamine	3.992	42	158322	40.168	ng		99
6) Aniline	7.647	93	270725	23.515	ng		99
8) 2-Chlorophenol	7.870	128	350193	49.324	ng		97
9) Benzaldehyde	7.465	77	100585	19.071	ng		97
10) Phenol	7.471	94	471698	49.896	ng		100
11) bis(2-Chloroethyl)ether	7.735	93	312075	41.411	ng		98
12) 1,3-Dichlorobenzene	8.205	146	336787	43.988	ng		99
13) 1,4-Dichlorobenzene	8.358	146	341403	43.989	ng		99
14) 1,2-Dichlorobenzene	8.675	146	341511	44.305	ng		99
15) Benzyl Alcohol	8.563	79	333821	44.816	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.828	45	625407	42.748	ng		98
17) 2-Methylphenol	8.746	107	324236	44.666	ng		99
18) Hexachloroethane	9.410	117	121899	45.978	ng		99
19) n-Nitroso-di-n-propyla...	9.127	70	280666	42.976	ng		97
20) 3+4-Methylphenols	9.075	107	445608	45.515	ng		99
22) Acetophenone	9.169	105	554413	41.998	ng	#	97
24) Nitrobenzene	9.568	77	396756	41.947	ng		98
25) Isophorone	10.073	82	796363	42.056	ng		99
26) 2-Nitrophenol	10.273	139	178726	46.710	ng		95
27) 2,4-Dimethylphenol	10.297	122	300104	35.807	ng		96
28) bis(2-Chloroethoxy)met...	10.555	93	479409	42.232	ng		99
29) 2,4-Dichlorophenol	10.790	162	352977	46.926	ng		99
30) 1,2,4-Trichlorobenzene	11.014	180	344436	43.126	ng		99
31) Naphthalene	11.219	128	1142275	41.534	ng		99
32) Benzoic acid	10.420	122	254649	46.457	ng		97
33) 4-Chloroaniline	11.337	127	141562	12.207	ng		97
34) Hexachlorobutadiene	11.448	225	225466	41.388	ng		96
35) Caprolactam	12.136	113	114932m	45.390	ng		
36) 4-Chloro-3-methylphenol	12.406	107	416668	45.201	ng		96
37) 2-Methylnaphthalene	12.800	142	783660	41.256	ng		98
38) 1-Methylnaphthalene	13.017	142	733115	41.119	ng		100
40) 1,2,4,5-Tetrachloroben...	13.140	216	425104	42.637	ng		99
41) Hexachlorocyclopentadiene	13.093	237	458003	93.414	ng		98
43) 2,4,6-Trichlorophenol	13.381	196	298174	46.575	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	319472	42.184	ng		97
46) 1,1'-Biphenyl	13.787	154	1050814	42.582	ng		97
47) 2-Chloronaphthalene	13.840	162	817254	43.881	ng		96
48) 2-Nitroaniline	14.057	65	280607	45.651	ng		97
49) Acenaphthylene	14.680	152	1364649	44.979	ng		99
50) Dimethylphthalate	14.398	163	1028078	42.223	ng		99
51) 2,6-Dinitrotoluene	14.533	165	208947	46.572	ng		97
52) Acenaphthene	15.015	154	755125	41.650	ng		96
53) 3-Nitroaniline	14.874	138	132938	25.734	ng		99
54) 2,4-Dinitrophenol	15.068	184	213264	91.751	ng		93
55) Dibenzofuran	15.344	168	1235260	42.080	ng		99
56) 4-Nitrophenol	15.144	139	364356	94.522	ng		99
57) 2,4-Dinitrotoluene	15.314	165	277103	49.097	ng		91
58) Fluorene	15.990	166	989374	42.125	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.549	232	276595m	43.795	ng		
60) Diethylphthalate	15.737	149	1054671	42.098	ng		100
61) 4-Chlorophenyl-phenyle...	15.972	204	494096	41.532	ng		99
62) 4-Nitroaniline	16.037	138	232658m	43.982	ng		
63) Azobenzene	16.266	77	1094042	42.197	ng		99
65) 4,6-Dinitro-2-methylph...	16.061	198	152547	50.246	ng		97
66) n-Nitrosodiphenylamine	16.196	169	897574	42.900	ng		98
67) 4-Bromophenyl-phenylether	16.871	248	324592	45.025	ng		98
68) Hexachlorobenzene	16.959	284	370272	44.672	ng		97
69) Atrazine	17.130	200	317297	45.342	ng		99
70) Pentachlorophenol	17.318	266	466457	86.828	ng		97
71) Phenanthrene	17.741	178	1537505	42.694	ng		98
72) Anthracene	17.829	178	1557725	42.781	ng		99
73) Carbazole	18.105	167	1379365	43.568	ng		99
74) Di-n-butylphthalate	18.611	149	1719199	44.559	ng		99
75) Fluoranthene	19.727	202	1688416	42.386	ng		99
77) Benzidine	19.921	184	768071	52.643	ng		98
78) Pyrene	20.097	202	1758478	42.243	ng		99
80) Butylbenzylphthalate	20.955	149	732727	46.560	ng		98
81) Benzo(a)anthracene	21.995	228	1781031	43.365	ng		99
82) 3,3'-Dichlorobenzidine	21.907	252	307971	22.247	ng		91
83) Chrysene	22.065	228	1697838	42.575	ng		99
84) Bis(2-ethylhexyl)phtha...	21.830	149	1071238	46.084	ng		98
85) Di-n-octyl phthalate	23.158	149	1826170	47.707	ng		99
87) Indeno(1,2,3-cd)pyrene	29.698	276	2154747	46.497	ng	#	87
88) Benzo(b)fluoranthene	24.421	252	1700654	45.502	ng		98
89) Benzo(k)fluoranthene	24.504	252	1772427	45.139	ng		100
90) Benzo(a)pyrene	25.403	252	1618972	44.182	ng		98
91) Dibenzo(a,h)anthracene	29.780	278	1773605	45.084	ng		98
92) Benzo(g,h,i)perylene	31.008	276	1678603	44.070	ng		99

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

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