Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
Data File : BG060662.D
Acq On : 15 Mar 2024 13:05
Operator : MA/JU
Sample : PB159608BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159608BS

Quant Time: Mar 15 14:36:41 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	8.326	152	110974	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	521823	20.000	ng		0.00
39) Acenaphthene-d10	14.954	164	339065	20.000	ng		0.00
64) Phenanthrene-d10	17.698	188	717678	20.000	ng		0.00
76) Chrysene-d12	22.022	240	646350	20.000	ng		0.00
86) Perylene-d12	25.571	264	685250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.817	112	1071635	151.801	ng		0.00
7) Phenol-d6	7.445	99	1480523	144.575	ng		0.00
23) Nitrobenzene-d5	9.525	82	906122	90.371	ng		0.00
42) 2,4,6-Tribromophenol	16.434	330	592996	150.926	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	2168735	86.480	ng		0.00
79) Terphenyl-d14	20.277	244	2973117	83.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.643	88	100934	34.158	ng		98
3) Pyridine	4.061	79	260900	29.874	ng		96
4) n-Nitrosodimethylamine	3.990	42	185403	43.277	ng		98
6) Aniline	7.650	93	255580	20.424	ng		97
8) 2-Chlorophenol	7.874	128	405753	52.579	ng		99
9) Benzaldehyde	7.468	77	130180	22.709	ng		98
10) Phenol	7.474	94	543785	52.922	ng		98
11) bis(2-Chloroethyl)ether	7.739	93	369602	45.123	ng		97
12) 1,3-Dichlorobenzene	8.203	146	388280	46.658	ng		97
13) 1,4-Dichlorobenzene	8.361	146	392302	46.505	ng		98
14) 1,2-Dichlorobenzene	8.679	146	389441	46.483	ng		100
15) Benzyl Alcohol	8.567	79	389138	48.065	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.831	45	733820	46.147	ng		99
17) 2-Methylphenol	8.749	107	380556	48.232	ng		98
18) Hexachloroethane	9.413	117	135132	46.894	ng		96
19) n-Nitroso-di-n-propyla...	9.137	70	316049	44.524	ng		98
20) 3+4-Methylphenols	9.078	107	503831	47.347	ng		100
22) Acetophenone	9.166	105	633370	45.272	ng	#	98
24) Nitrobenzene	9.572	77	463754	46.264	ng		98
25) Isophorone	10.077	82	920536	45.871	ng		99
26) 2-Nitrophenol	10.277	139	202851	49.865	ng		96
27) 2,4-Dimethylphenol	10.294	122	364017	40.983	ng		99
28) bis(2-Chloroethoxy)met...	10.559	93	545229	45.320	ng		99
29) 2,4-Dichlorophenol	10.794	162	397464	49.859	ng		96
30) 1,2,4-Trichlorobenzene	11.017	180	393405	46.478	ng		99
31) Naphthalene	11.223	128	1294505	44.414	ng		99
32) Benzoic acid	10.430	122	293087	49.935	ng		98
33) 4-Chloroaniline	11.334	127	193494	15.743	ng		96
34) Hexachlorobutadiene	11.452	225	259627	44.970	ng		95
35) Caprolactam	12.139	113	128139m	47.751	ng		
36) 4-Chloro-3-methylphenol	12.404	107	474201	48.540	ng		98
37) 2-Methylnaphthalene	12.803	142	873007	43.366	ng		99
38) 1-Methylnaphthalene	13.015	142	832264	44.047	ng		100
40) 1,2,4,5-Tetrachloroben...	13.144	216	483455	46.429	ng		99
41) Hexachlorocyclopentadiene	13.097	237	492857	96.251	ng		95
43) 2,4,6-Trichlorophenol	13.385	196	336174	50.280	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.455	196	356836	45.115	ng	#	96
46) 1,1'-Biphenyl	13.790	154	1191481	46.230	ng		99
47) 2-Chloronaphthalene	13.843	162	925680	47.591	ng		96
48) 2-Nitroaniline	14.055	65	323049	50.322	ng		99
49) Acenaphthylene	14.683	152	1534722	48.435	ng		99
50) Dimethylphthalate	14.396	163	1169880	46.005	ng		99
51) 2,6-Dinitrotoluene	14.537	165	238341	50.866	ng		99
52) Acenaphthene	15.018	154	867459	45.813	ng		95
53) 3-Nitroaniline	14.877	138	177164	32.838	ng		96
54) 2,4-Dinitrophenol	15.071	184	250692	102.411	ng		90
55) Dibenzofuran	15.347	168	1397835	45.594	ng		98
56) 4-Nitrophenol	15.148	139	422405	104.925	ng		96
57) 2,4-Dinitrotoluene	15.312	165	320898	54.440	ng		96
58) Fluorene	15.994	166	1126613	45.930	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.553	232	323393	49.029	ng		92
60) Diethylphthalate	15.741	149	1195714	45.700	ng		98
61) 4-Chlorophenyl-phenyle...	15.976	204	561137	45.163	ng		99
62) 4-Nitroaniline	16.041	138	263939	47.775	ng		98
63) Azobenzene	16.270	77	1227604	45.336	ng		98
65) 4,6-Dinitro-2-methylph...	16.064	198	164928	50.569	ng		96
66) n-Nitrosodiphenylamine	16.199	169	1026575	45.706	ng		99
67) 4-Bromophenyl-phenylether	16.875	248	368906	47.667	ng		98
68) Hexachlorobenzene	16.963	284	423261	47.568	ng		97
69) Atrazine	17.128	200	312747	41.631	ng		99
70) Pentachlorophenol	17.321	266	532702	92.368	ng		98
71) Phenanthrene	17.745	178	1754709	45.389	ng		99
72) Anthracene	17.833	178	1757275	44.956	ng		100
73) Carbazole	18.109	167	1573850	46.306	ng		98
74) Di-n-butylphthalate	18.614	149	1930055	46.598	ng		100
75) Fluoranthene	19.730	202	1948009	45.553	ng		98
77) Benzidine	19.918	184	391208	24.745	ng		96
78) Pyrene	20.095	202	2006238	44.478	ng		99
80) Butylbenzylphthalate	20.958	149	836744	49.069	ng		97
81) Benzo(a)anthracene	21.998	228	2036879	45.769	ng		99
82) 3,3'-Dichlorobenzidine	21.904	252	537811	35.854	ng		94
83) Chrysene	22.069	228	1936529	44.815	ng		99
84) Bis(2-ethylhexyl)phtha...	21.834	149	1228896	48.788	ng		97
85) Di-n-octyl phthalate	23.162	149	2088475	50.351	ng		99
87) Indeno(1,2,3-cd)pyrene	29.695	276	2453214	52.485	ng	#	94
88) Benzo(b)fluoranthene	24.425	252	1981247	52.556	ng		98
89) Benzo(k)fluoranthene	24.501	252	1992457	50.308	ng		98
90) Benzo(a)pyrene	25.406	252	1805989	48.864	ng		98
91) Dibenzo(a,h)anthracene	29.789	278	2067889	52.114	ng		97
92) Benzo(g,h,i)perylene	31.017	276	1952788	50.830	ng		99

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

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