Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
Data File : BG060184.D
Acq On : 29 Dec 2023 17:19
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG122923

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 03:15:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	211280	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	886526	20.000	ng		0.00
39) Acenaphthene-d10	14.579	164	679580	20.000	ng		0.00
64) Phenanthrene-d10	17.323	188	1668683	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1500440	20.000	ng		0.00
86) Perylene-d12	24.767	264	1673895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	1190023	85.013	ng		0.00
7) Phenol-d6	7.100	99	1641391	78.974	ng		0.00
23) Nitrobenzene-d5	9.103	82	1577357	82.184	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	758226	83.350	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	3743301	79.166	ng		0.00
79) Terphenyl-d14	19.944	244	5158833	66.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	251490	40.381	ng		97
3) Pyridine	3.810	79	752373	42.596	ng		97
4) n-Nitrosodimethylamine	3.727	42	269817	40.949	ng		97
6) Aniline	7.270	93	826755	39.702	ng		98
8) 2-Chlorophenol	7.505	128	523783	38.934	ng		97
9) Benzaldehyde	7.076	77	468268	37.474	ng		96
10) Phenol	7.129	94	818354	39.045	ng		98
11) bis(2-Chloroethyl)ether	7.358	93	663009	39.092	ng		95
12) 1,3-Dichlorobenzene	7.828	146	644881	38.831	ng		98
13) 1,4-Dichlorobenzene	7.975	146	659878	39.303	ng		98
14) 1,2-Dichlorobenzene	8.293	146	655732	39.950	ng		98
15) Benzyl Alcohol	8.175	79	528795	40.990	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	864939	39.737	ng		99
17) 2-Methylphenol	8.381	107	536908	40.911	ng		98
18) Hexachloroethane	9.021	117	218312	41.287	ng		96
19) n-Nitroso-di-n-propyla...	8.745	70	579893	40.841	ng		96
20) 3+4-Methylphenols	8.710	107	758049	40.755	ng		97
22) Acetophenone	8.763	105	1031156	39.258	ng	#	96
24) Nitrobenzene	9.144	77	803241	40.904	ng		99
25) Isophorone	9.661	82	1594005	39.695	ng		99
26) 2-Nitrophenol	9.850	139	296818	43.316	ng		95
27) 2,4-Dimethylphenol	9.908	122	388403	40.015	ng		98
28) bis(2-Chloroethoxy)met...	10.149	93	933504	39.691	ng		95
29) 2,4-Dichlorophenol	10.390	162	641716	41.832	ng		96
30) 1,2,4-Trichlorobenzene	10.602	180	736123	39.425	ng		98
31) Naphthalene	10.795	128	1853742	39.607	ng		99
32) Benzoic acid	10.043	122	321121m	39.369	ng		
33) 4-Chloroaniline	10.901	127	751074	41.091	ng		98
34) Hexachlorobutadiene	11.077	225	432850	38.979	ng		93
35) Caprolactam	11.671	113	218719m	42.862	ng		
36) 4-Chloro-3-methylphenol	12.023	107	651597	41.273	ng		96
37) 2-Methylnaphthalene	12.399	142	1383532	40.926	ng		99
38) 1-Methylnaphthalene	12.623	142	1377631	40.306	ng		97
40) 1,2,4,5-Tetrachloroben...	12.770	216	850125	39.053	ng		99
41) Hexachlorocyclopentadiene	12.746	237	284415	40.422	ng		100
43) 2,4,6-Trichlorophenol	13.005	196	587588	41.076	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	659583	41.218	ng	98
46) 1,1'-Biphenyl	13.410	154	1958149	39.164	ng	100
47) 2-Chloronaphthalene	13.451	162	1680061	39.440	ng	97
48) 2-Nitroaniline	13.657	65	487755	43.814	ng	98
49) Acenaphthylene	14.297	152	2497609	40.693	ng	99
50) Dimethylphthalate	14.033	163	2065159	39.360	ng	100
51) 2,6-Dinitrotoluene	14.150	165	471782	43.230	ng	97
52) Acenaphthene	14.638	154	1518431	39.645	ng	99
53) 3-Nitroaniline	14.485	138	446321	43.403	ng	98
54) 2,4-Dinitrophenol	14.685	184	229360	40.610	ng	97
55) Dibenzofuran	14.973	168	2549118	39.733	ng	99
56) 4-Nitrophenol	14.785	139	341377	43.918	ng	100
57) 2,4-Dinitrotoluene	14.938	165	647864	43.658	ng	99
58) Fluorene	15.625	166	2102218	39.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.202	232	576814	41.355	ng	99
60) Diethylphthalate	15.396	149	2029815	40.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.619	204	1067066	38.946	ng	98
62) 4-Nitroaniline	15.649	138	464371	42.845	ng	92
63) Azobenzene	15.913	77	2072779	39.957	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	361980	43.353	ng	97
66) n-Nitrosodiphenylamine	15.831	169	1812033	40.298	ng	100
67) 4-Bromophenyl-phenylether	16.512	248	687707	38.872	ng	98
68) Hexachlorobenzene	16.630	284	831722	40.097	ng	98
69) Atrazine	16.783	200	674062	40.787	ng	97
70) Pentachlorophenol	16.971	266	497241	43.637	ng	96
71) Phenanthrene	17.370	178	3325390	40.317	ng	99
72) Anthracene	17.458	178	3333162	40.683	ng	99
73) Carbazole	17.729	167	3151159	40.552	ng	99
74) Di-n-butylphthalate	18.287	149	3213460	42.673	ng	98
75) Fluoranthene	19.380	202	3871079	40.012	ng	98
77) Benzidine	19.568	184	1555391	37.455	ng	97
78) Pyrene	19.744	202	4034635	40.002	ng	98
80) Butylbenzylphthalate	20.631	149	1356429	45.609	ng	97
81) Benzo(a)anthracene	21.571	228	3856092	40.421	ng	98
82) 3,3'-Dichlorobenzidine	21.495	252	1425820	41.100	ng	99
83) Chrysene	21.642	228	3760338	40.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	2028689	44.981	ng	99
85) Di-n-octyl phthalate	22.676	149	3355646	45.454	ng	100
87) Indeno(1,2,3-cd)pyrene	28.392	276	4763212	40.361	ng	100
88) Benzo(b)fluoranthene	23.763	252	4008544	39.850	ng	100
89) Benzo(k)fluoranthene	23.827	252	3997399	39.483	ng	100
90) Benzo(a)pyrene	24.620	252	3641779	40.016	ng	99
91) Dibenzo(a,h)anthracene	28.457	278	3892103	40.139	ng	99
92) Benzo(g,h,i)perylene	29.532	276	3948051	40.197	ng	97

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

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