Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060946.D
Acq On : 18 Apr 2024 22:00
Operator : MA/JU
Sample : P2166-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:49:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	49441	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	196041	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	171421	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	441699	20.000	ng		0.00
76) Chrysene-d12	21.573	240	407277	20.000	ng		0.00
86) Perylene-d12	24.693	264	489764	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	331592	116.496	ng		0.00
7) Phenol-d6	7.108	99	482690	117.716	ng		0.00
23) Nitrobenzene-d5	9.093	82	303303	70.237	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	316203	111.656	ng		0.00
45) 2-Fluorobiphenyl	13.195	172	776442	66.468	ng		0.00
79) Terphenyl-d14	19.940	244	1539434	65.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	45246	39.322	ng		95
3) Pyridine	3.829	79	122374	33.427	ng		99
4) n-Nitrosodimethylamine	3.747	42	96434	41.280	ng	#	99
6) Aniline	7.260	93	98814	19.779	ng		98
8) 2-Chlorophenol	7.507	128	155135	47.908	ng		96
9) Benzaldehyde	7.072	77	8388	3.809	ng		89
10) Phenol	7.131	94	205872	50.097	ng		97
11) bis(2-Chloroethyl)ether	7.360	93	139988	43.917	ng		93
12) 1,3-Dichlorobenzene	7.830	146	158924	46.191	ng		99
13) 1,4-Dichlorobenzene	7.977	146	166304	47.215	ng		97
14) 1,2-Dichlorobenzene	8.289	146	161415	47.127	ng		99
15) Benzyl Alcohol	8.171	79	151343	42.906	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.459	45	337359	43.793	ng		99
17) 2-Methylphenol	8.383	107	136448	42.022	ng		95
18) Hexachloroethane	9.017	117	59907	47.898	ng		96
19) n-Nitroso-di-n-propyla...	8.741	70	124349	39.813	ng		94
20) 3+4-Methylphenols	8.706	107	191060	42.414	ng		99
22) Acetophenone	8.753	105	245803	44.029	ng	#	99
24) Nitrobenzene	9.135	77	181594	42.848	ng		98
25) Isophorone	9.658	82	342048	42.922	ng		100
26) 2-Nitrophenol	9.846	139	82770	46.489	ng		97
27) 2,4-Dimethylphenol	9.910	122	118825	37.879	ng		95
28) bis(2-Chloroethoxy)met...	10.145	93	194942	43.505	ng		98
29) 2,4-Dichlorophenol	10.380	162	158327	46.519	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	169219	46.383	ng		99
31) Naphthalene	10.786	128	477757	45.061	ng		99
32) Benzoic acid	10.057	122	129970	51.185	ng		96
33) 4-Chloroaniline	10.886	127	59929	12.061	ng		95
34) Hexachlorobutadiene	11.074	225	119341	46.015	ng		94
35) Caprolactam	11.655	113	58246m	46.383	ng		
36) 4-Chloro-3-methylphenol	12.019	107	192901	46.894	ng		97
37) 2-Methylnaphthalene	12.396	142	346200	43.163	ng		99
38) 1-Methylnaphthalene	12.613	142	333013	43.980	ng		99
40) 1,2,4,5-Tetrachloroben...	12.760	216	236364	44.684	ng		98
41) Hexachlorocyclopentadiene	12.742	237	260933	96.470	ng		98
43) 2,4,6-Trichlorophenol	13.001	196	172924	47.011	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	192452	43.384	ng		95
46) 1,1'-Biphenyl	13.400	154	521487	44.741	ng		99
47) 2-Chloronaphthalene	13.441	162	413570	46.360	ng		98
48) 2-Nitroaniline	13.641	65	165925	45.326	ng		96
49) Acenaphthylene	14.287	152	709543	47.037	ng		99
50) Dimethylphthalate	14.029	163	584978	43.004	ng		99
51) 2,6-Dinitrotoluene	14.141	165	125948	45.428	ng		96
52) Acenaphthene	14.634	154	398723	43.583	ng		98
53) 3-Nitroaniline	14.470	138	73485	24.145	ng	#	91
54) 2,4-Dinitrophenol	14.675	184	162865	91.140	ng		94
55) Dibenzofuran	14.969	168	677497	43.839	ng		99
56) 4-Nitrophenol	14.787	139	236477	101.484	ng		95
57) 2,4-Dinitrotoluene	14.928	165	185001	46.696	ng		97
58) Fluorene	15.615	166	562247	43.860	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	194073	47.623	ng		99
60) Diethylphthalate	15.398	149	593247	43.541	ng		100
61) 4-Chlorophenyl-phenyle...	15.615	204	306959	43.198	ng		98
62) 4-Nitroaniline	15.633	138	138134	42.212	ng		97
63) Azobenzene	15.903	77	570292	44.411	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	119400	48.453	ng		98
66) n-Nitrosodiphenylamine	15.827	169	533771	44.022	ng		98
67) 4-Bromophenyl-phenylether	16.508	248	218446	44.147	ng		97
68) Hexachlorobenzene	16.626	284	255953	47.538	ng		99
69) Atrazine	16.779	200	214702	49.269	ng		96
70) Pentachlorophenol	16.967	266	348850	95.672	ng		98
71) Phenanthrene	17.360	178	1002279	44.830	ng		99
72) Anthracene	17.448	178	1013753	44.143	ng		98
73) Carbazole	17.719	167	901542	45.058	ng		100
74) Di-n-butylphthalate	18.289	149	1068370	44.351	ng		99
75) Fluoranthene	19.370	202	1211923	42.587	ng		99
77) Benzidine	19.552	184	437237	48.672	ng		99
78) Pyrene	19.734	202	1254587	44.905	ng		100
80) Butylbenzylphthalate	20.633	149	473292	46.122	ng		98
81) Benzo(a)anthracene	21.555	228	1304435	45.356	ng		99
82) 3,3'-Dichlorobenzidine	21.473	252	261291	25.513	ng		99
83) Chrysene	21.620	228	1242919	45.263	ng		99
84) Bis(2-ethylhexyl)phtha...	21.491	149	692244	45.620	ng		97
85) Di-n-octyl phthalate	22.672	149	1198416	45.772	ng		97
87) Indeno(1,2,3-cd)pyrene	28.242	276	1627766	48.062	ng	#	97
88) Benzo(b)fluoranthene	23.712	252	1280269	46.202	ng		99
89) Benzo(k)fluoranthene	23.776	252	1300419	45.873	ng		100
90) Benzo(a)pyrene	24.552	252	1216576	44.530	ng		99
91) Dibenzo(a,h)anthracene	28.306	278	1332183	47.786	ng		98
92) Benzo(g,h,i)perylene	29.346	276	1247666	45.778	ng		99

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

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