Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016481.D
Acq On : 02 Aug 2023 22:09
Operator : MA/JU
Sample : 03598-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RB-54-(0-2)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 02 22:54:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	582948	20.000	ng		-0.02
21) Naphthalene-d8	10.910	136	2363435	20.000	ng		-0.02
39) Acenaphthene-d10	14.722	164	1332275	20.000	ng		-0.01
64) Phenanthrene-d10	17.487	188	2596324	20.000	ng		-0.01
76) Chrysene-d12	21.586	240	1853824	20.000	ng		# 0.00
86) Perylene-d12	24.180	264	1766095	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3174393	88.837	ng		-0.02
7) Phenol-d6	7.216	99	4090678	83.521	ng		-0.01
23) Nitrobenzene-d5	9.275	82	2348529	55.625	ng		-0.02
42) 2,4,6-Tribromophenol	16.222	330	1287378	65.684	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	4932392	53.078	ng		-0.02
79) Terphenyl-d14	20.033	244	5516152	62.856	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	556231	39.912	ng		99
3) Pyridine	3.858	79	1525459	36.619	ng		100
4) n-Nitrosodimethylamine	3.787	42	688665	43.846	ng		99
6) Aniline	7.411	93	2040214	33.725	ng		100
8) 2-Chlorophenol	7.628	128	1833773	48.945	ng		96
9) Benzaldehyde	7.222	77	905432	39.319	ng		99
10) Phenol	7.246	94	2344001	49.282	ng		99
11) bis(2-Chloroethyl)ether	7.505	93	1757917	45.467	ng		98
12) 1,3-Dichlorobenzene	7.958	146	1864882	46.367	ng		99
13) 1,4-Dichlorobenzene	8.111	146	1906431	46.728	ng		99
14) 1,2-Dichlorobenzene	8.428	146	1824012	46.433	ng		98
15) Benzyl Alcohol	8.328	79	1571427	46.963	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.611	45	2033455	46.375	ng		99
17) 2-Methylphenol	8.511	107	1545634	45.090	ng		99
18) Hexachloroethane	9.152	117	688640	47.320	ng		94
19) n-Nitroso-di-n-propyla...	8.899	70	1320397	43.033	ng		98
20) 3+4-Methylphenols	8.846	107	2072873	44.526	ng		99
22) Acetophenone	8.922	105	2639010	44.225	ng	#	99
24) Nitrobenzene	9.316	77	1939233	44.719	ng		97
25) Isophorone	9.834	82	3670233	43.058	ng		99
26) 2-Nitrophenol	10.022	139	901625	48.225	ng		96
27) 2,4-Dimethylphenol	10.058	122	1676514	43.963	ng		99
28) bis(2-Chloroethoxy)met...	10.322	93	2370289	45.397	ng		99
29) 2,4-Dichlorophenol	10.546	162	1673390	46.889	ng		98
30) 1,2,4-Trichlorobenzene	10.757	180	1693084	43.800	ng		99
31) Naphthalene	10.963	128	5285512	42.755	ng		99
32) Benzoic acid	10.210	122	1179474	47.254	ng		97
33) 4-Chloroaniline	11.087	127	683027	12.248	ng		99
34) Hexachlorobutadiene	11.199	225	952974	41.640	ng		100
35) Caprolactam	11.916	113	519318m	39.822	ng		
36) 4-Chloro-3-methylphenol	12.181	107	1768316	44.575	ng		99
37) 2-Methylnaphthalene	12.557	142	3597270	40.054	ng		99
38) 1-Methylnaphthalene	12.775	142	3434077	40.786	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1808058	44.658	ng		99
41) Hexachlorocyclopentadiene	12.863	237	2141286	105.306	ng		100
43) 2,4,6-Trichlorophenol	13.151	196	1249319	48.092	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	1357521	43.073	ng	97
46) 1,1'-Biphenyl	13.563	154	4558260	44.884	ng	99
47) 2-Chloronaphthalene	13.610	162	3522567	45.976	ng	99
48) 2-Nitroaniline	13.834	65	1028468	47.620	ng	99
49) Acenaphthylene	14.457	152	5726092	45.043	ng	100
50) Dimethylphthalate	14.187	163	4329635	41.704	ng	100
51) 2,6-Dinitrotoluene	14.322	165	944107	44.389	ng	92
52) Acenaphthene	14.793	154	3270681	43.266	ng	100
53) 3-Nitroaniline	14.657	138	648408	26.966	ng	94
54) 2,4-Dinitrophenol	14.857	184	795818	79.984	ng	97
55) Dibenzofuran	15.128	168	5175686	41.745	ng	99
56) 4-Nitrophenol	14.945	139	1631037	86.653	ng	98
57) 2,4-Dinitrotoluene	15.104	165	1241348	44.784	ng	97
58) Fluorene	15.775	166	3976350	40.823	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.340	232	1093324	42.171	ng	93
60) Diethylphthalate	15.540	149	4207760	40.783	ng	99
61) 4-Chlorophenyl-phenyle...	15.763	204	1973465	40.150	ng	97
62) 4-Nitroaniline	15.828	138	908802	38.084	ng	99
63) Azobenzene	16.063	77	4180331	42.911	ng	97
65) 4,6-Dinitro-2-methylph...	15.851	198	547524	45.427	ng	95
66) n-Nitrosodiphenylamine	15.993	169	3515501	45.945	ng	100
67) 4-Bromophenyl-phenylether	16.669	248	1226330	44.607	ng	96
68) Hexachlorobenzene	16.751	284	1377835	44.942	ng	96
69) Atrazine	16.945	200	1206694	53.028	ng	99
70) Pentachlorophenol	17.110	266	1488723	70.169	ng	94
71) Phenanthrene	17.534	178	6043296	43.835	ng	100
72) Anthracene	17.628	178	6046320	43.616	ng	100
73) Carbazole	17.904	167	5461388	42.021	ng	99
74) Di-n-butylphthalate	18.422	149	6900604	45.892	ng	100
75) Fluoranthene	19.492	202	6458654	39.970	ng	99
77) Benzidine	19.686	184	3312592	103.064	ng	99
78) Pyrene	19.845	202	6510150	52.386	ng	99
80) Butylbenzylphthalate	20.710	149	2728528	55.888	ng	97
81) Benzo(a)anthracene	21.569	228	5628516	45.251	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	1146166	28.071	ng	99
83) Chrysene	21.628	228	5175311	43.572	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	3912439	53.377	ng	100
85) Di-n-octyl phthalate	22.445	149	5978599	48.498	ng	99
87) Indeno(1,2,3-cd)pyrene	26.957	276	5689107	47.781	ng	96
88) Benzo(b)fluoranthene	23.374	252	4977434	48.620	ng	99
89) Benzo(k)fluoranthene	23.427	252	4891517	46.981	ng	99
90) Benzo(a)pyrene	24.063	252	4340617	43.774	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	4679536	47.127	ng	97
92) Benzo(g,h,i)perylene	27.815	276	4564309	47.700	ng	97

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

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