Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
Data File : BP011838.D
Acq On : 29 Sep 2022 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 30 04:14:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	384425	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1639293	20.000	ng		# 0.00
39) Acenaphthene-d10	14.545	164	1022099	20.000	ng		-0.01
64) Phenanthrene-d10	17.304	188	2092737	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1813899	20.000	ng		-0.01
86) Perylene-d12	23.821	264	1492172	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1742774	79.544	ng		0.00
7) Phenol-d6	7.069	99	2385630	73.641	ng		0.00
23) Nitrobenzene-d5	9.075	82	2298082	73.375	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	750311	109.021	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	5207837	80.576	ng		0.00
79) Terphenyl-d14	19.857	244	6927963	87.820	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	366359	39.770	ng		90
3) Pyridine	3.758	79	1109997	39.044	ng		87
4) n-Nitrosodimethylamine	3.664	42	385008	30.623	ng	#	77
6) Aniline	7.228	93	1492737	37.041	ng		97
8) 2-Chlorophenol	7.463	128	1057429	39.670	ng		92
9) Benzaldehyde	7.040	77	704997	34.784	ng		94
10) Phenol	7.093	94	1341779	36.770	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	1046820	36.240	ng		92
12) 1,3-Dichlorobenzene	7.793	146	1124772	40.156	ng		97
13) 1,4-Dichlorobenzene	7.940	146	1146816	39.955	ng		99
14) 1,2-Dichlorobenzene	8.258	146	1100755	39.200	ng		99
15) Benzyl Alcohol	8.146	79	894905	37.388	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1293122	27.103	ng		91
17) 2-Methylphenol	8.346	107	903351	37.769	ng		97
18) Hexachloroethane	8.987	117	394895	35.935	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	816040	34.264	ng	#	86
20) 3+4-Methylphenols	8.681	107	1274093	37.939	ng		99
22) Acetophenone	8.734	105	1594184	38.714	ng	#	93
24) Nitrobenzene	9.116	77	1186980	36.680	ng		93
25) Isophorone	9.646	82	2150743	36.604	ng		97
26) 2-Nitrophenol	9.828	139	577065	44.423	ng	#	88
27) 2,4-Dimethylphenol	9.887	122	883877	42.593	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	1311001	38.287	ng		100
29) 2,4-Dichlorophenol	10.357	162	993232	44.733	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	1019896	44.113	ng		98
31) Naphthalene	10.763	128	3470122	39.928	ng		100
32) Benzoic acid	10.040	122	798879	45.388	ng		96
33) 4-Chloroaniline	10.875	127	1490511	41.136	ng		97
34) Hexachlorobutadiene	11.046	225	561232	48.129	ng		99
35) Caprolactam	11.687	113	365917	40.550	ng	#	72
36) 4-Chloro-3-methylphenol	11.999	107	1108215	41.125	ng		97
37) 2-Methylnaphthalene	12.375	142	2437231	40.608	ng		99
38) 1-Methylnaphthalene	12.593	142	2391915	40.470	ng		100
40) 1,2,4,5-Tetrachloroben...	12.740	216	1069571	46.433	ng	#	97
41) Hexachlorocyclopentadiene	12.716	237	495915	43.898	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	800746	48.024	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	900363	46.980	ng		95
46) 1,1'-Biphenyl	13.381	154	2994426	40.323	ng		99
47) 2-Chloronaphthalene	13.422	162	2362571	41.016	ng		99
48) 2-Nitroaniline	13.628	65	740483	36.056	ng		87
49) Acenaphthylene	14.269	152	3853723	40.307	ng		100
50) Dimethylphthalate	14.010	163	3049535	40.692	ng		100
51) 2,6-Dinitrotoluene	14.128	165	669495	43.269	ng	#	86
52) Acenaphthene	14.610	154	2302991	39.275	ng		99
53) 3-Nitroaniline	14.457	138	798040	42.111	ng		92
54) 2,4-Dinitrophenol	14.657	184	351510	46.124	ng	#	86
55) Dibenzofuran	14.945	168	3593407	39.982	ng		99
56) 4-Nitrophenol	14.757	139	640248	40.683	ng		90
57) 2,4-Dinitrotoluene	14.910	165	920951	40.491	ng	#	86
58) Fluorene	15.598	166	2911454	38.183	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	767045	49.020	ng		96
60) Diethylphthalate	15.375	149	3069797	39.231	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	1346358	42.233	ng		96
62) 4-Nitroaniline	15.622	138	833367	38.128	ng		95
63) Azobenzene	15.887	77	2900366	33.851	ng		91
65) 4,6-Dinitro-2-methylph...	15.675	198	503704	47.551	ng	#	81
66) n-Nitrosodiphenylamine	15.810	169	2536114	40.671	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	811007	47.256	ng	#	90
68) Hexachlorobenzene	16.604	284	885143	48.541	ng	#	91
69) Atrazine	16.763	200	818241	45.314	ng		98
70) Pentachlorophenol	16.951	266	595967	47.322	ng		97
71) Phenanthrene	17.345	178	4656936	39.454	ng		99
72) Anthracene	17.439	178	4537428	40.193	ng		100
73) Carbazole	17.710	167	4355453	39.393	ng		99
74) Di-n-butylphthalate	18.257	149	5235973	39.315	ng		99
75) Fluoranthene	19.310	202	5209904	40.602	ng		98
77) Benzidine	19.492	184	1741683	49.474	ng		100
78) Pyrene	19.663	202	5369837	44.304	ng		99
80) Butylbenzylphthalate	20.533	149	2427558	41.557	ng	#	88
81) Benzo(a)anthracene	21.369	228	4873696	40.723	ng		99
82) 3,3'-Dichlorobenzidine	21.304	252	1451500	41.586	ng		97
83) Chrysene	21.427	228	4617934	40.722	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	3189049	37.236	ng	#	98
85) Di-n-octyl phthalate	22.227	149	5075239	36.699	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.374	276	3763928	32.237	ng		94
88) Benzo(b)fluoranthene	23.080	252	4084479	44.087	ng		97
89) Benzo(k)fluoranthene	23.127	252	4014953	42.294	ng		98
90) Benzo(a)pyrene	23.716	252	3256856	41.550	ng		98
91) Dibenzo(a,h)anthracene	26.386	278	3110168	32.083	ng		95
92) Benzo(g,h,i)perylene	27.145	276	2972524	31.677	ng		96

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

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