Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
Data File : BP011829.D
Acq On : 28 Sep 2022 13:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 29 02:25:10 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	362607	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1586713	20.000	ng	#	0.00
39) Acenaphthene-d10	14.551	164	1002837	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	2077022	20.000	ng		0.00
76) Chrysene-d12	21.392	240	1983203	20.000	ng		0.00
86) Perylene-d12	23.827	264	1915741	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1648499	79.768	ng		0.00
7) Phenol-d6	7.069	99	2323792	76.048	ng		0.00
23) Nitrobenzene-d5	9.075	82	2253639	74.340	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	720197	106.655	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	5111198	80.599	ng		0.00
79) Terphenyl-d14	19.863	244	7093820	82.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	338243	38.927	ng		90
3) Pyridine	3.758	79	1083054	40.388	ng		88
4) n-Nitrosodimethylamine	3.664	42	384039	32.384	ng	#	83
6) Aniline	7.234	93	1470203	38.677	ng		96
8) 2-Chlorophenol	7.469	128	1008307	40.103	ng		93
9) Benzaldehyde	7.046	77	658220	34.430	ng		94
10) Phenol	7.099	94	1304988	37.913	ng		96
11) bis(2-Chloroethyl)ether	7.328	93	1003946	36.847	ng		94
12) 1,3-Dichlorobenzene	7.793	146	1066941	40.383	ng		97
13) 1,4-Dichlorobenzene	7.940	146	1089772	40.252	ng		98
14) 1,2-Dichlorobenzene	8.263	146	1051018	39.681	ng		99
15) Benzyl Alcohol	8.152	79	866913	38.398	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1287440	28.607	ng		93
17) 2-Methylphenol	8.352	107	878722	38.949	ng		97
18) Hexachloroethane	8.993	117	378117	36.479	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	810188	36.065	ng		88
20) 3+4-Methylphenols	8.681	107	1238893	39.111	ng		99
22) Acetophenone	8.734	105	1562601	39.205	ng	#	94
24) Nitrobenzene	9.116	77	1164823	37.188	ng		94
25) Isophorone	9.646	82	2145543	37.726	ng		99
26) 2-Nitrophenol	9.828	139	548286	43.667	ng		92
27) 2,4-Dimethylphenol	9.887	122	868578	43.243	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	1274167	38.444	ng		99
29) 2,4-Dichlorophenol	10.363	162	959676	44.654	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	976846	43.651	ng		98
31) Naphthalene	10.769	128	3396856	40.381	ng		100
32) Benzoic acid	10.040	122	800442	46.746	ng		96
33) 4-Chloroaniline	10.881	127	1460830	41.652	ng		98
34) Hexachlorobutadiene	11.051	225	523895	46.416	ng		95
35) Caprolactam	11.687	113	367287	42.051	ng	#	74
36) 4-Chloro-3-methylphenol	12.004	107	1100618	42.196	ng		95
37) 2-Methylnaphthalene	12.375	142	2388744	41.119	ng		99
38) 1-Methylnaphthalene	12.593	142	2348128	41.046	ng		99
40) 1,2,4,5-Tetrachloroben...	12.740	216	1024503	45.331	ng		98
41) Hexachlorocyclopentadiene	12.722	237	498190	44.947	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	779721	47.661	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	863413	45.917	ng		97
46) 1,1'-Biphenyl	13.387	154	2930424	40.219	ng		98
47) 2-Chloronaphthalene	13.428	162	2312214	40.913	ng		100
48) 2-Nitroaniline	13.634	65	744512	36.949	ng		88
49) Acenaphthylene	14.275	152	3799946	40.508	ng		100
50) Dimethylphthalate	14.016	163	3010367	40.941	ng		100
51) 2,6-Dinitrotoluene	14.128	165	653224	43.029	ng		91
52) Acenaphthene	14.616	154	2313580	40.213	ng		99
53) 3-Nitroaniline	14.463	138	788373	42.400	ng		92
54) 2,4-Dinitrophenol	14.663	184	373642	49.409	ng	#	88
55) Dibenzofuran	14.951	168	3570743	40.493	ng		98
56) 4-Nitrophenol	14.763	139	654638	42.396	ng		91
57) 2,4-Dinitrotoluene	14.916	165	905387	40.566	ng	#	87
58) Fluorene	15.598	166	2942227	39.328	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	745050	48.528	ng		95
60) Diethylphthalate	15.375	149	3079424	40.110	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	1329280	42.498	ng		98
62) 4-Nitroaniline	15.628	138	839005	39.061	ng		95
63) Azobenzene	15.892	77	2913143	34.653	ng		92
65) 4,6-Dinitro-2-methylph...	15.681	198	503527	47.853	ng		81
66) n-Nitrosodiphenylamine	15.810	169	2549095	41.189	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	793957	46.612	ng		92
68) Hexachlorobenzene	16.604	284	857054	47.356	ng		94
69) Atrazine	16.769	200	811486	45.280	ng		98
70) Pentachlorophenol	16.951	266	595337	47.602	ng		99
71) Phenanthrene	17.351	178	4658179	39.763	ng		100
72) Anthracene	17.439	178	4572289	40.808	ng		100
73) Carbazole	17.710	167	4407563	40.166	ng		100
74) Di-n-butylphthalate	18.257	149	5334921	40.361	ng		99
75) Fluoranthene	19.310	202	5272628	41.401	ng		98
77) Benzidine	19.492	184	1920195	49.888	ng		100
78) Pyrene	19.663	202	5466596	41.252	ng		99
80) Butylbenzylphthalate	20.533	149	2527606	39.704	ng		90
81) Benzo(a)anthracene	21.374	228	5327766	40.716	ng		99
82) 3,3'-Dichlorobenzidine	21.304	252	1678461	43.983	ng		99
83) Chrysene	21.427	228	5033331	40.596	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	3573665	38.117	ng		99
85) Di-n-octyl phthalate	22.227	149	6027482	39.863	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.380	276	5198376	34.678	ng		94
88) Benzo(b)fluoranthene	23.080	252	5133477	43.159	ng		98
89) Benzo(k)fluoranthene	23.133	252	4904501	40.242	ng		98
90) Benzo(a)pyrene	23.721	252	4189568	41.632	ng		97
91) Dibenzo(a,h)anthracene	26.398	278	4305070	34.591	ng		96
92) Benzo(g,h,i)perylene	27.162	276	4002032	33.218	ng		95

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

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