Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006497.D
Acq On : 04 Aug 2021 17:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 04 18:33:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	194401	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	839727	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	508601	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1006948	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	979425	20.000	ng	#	0.00
86) Perylene-d12	23.574	264	1003984	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	962392	76.038	ng		0.00
7) Phenol-d6	6.928	99	1427993	79.425	ng		0.00
23) Nitrobenzene-d5	8.910	82	1435719	78.918	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	409688	77.075	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2529239	74.401	ng		0.00
79) Terphenyl-d14	19.716	244	3778696	77.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	204288	37.074	ng		89
3) Pyridine	3.693	79	628419	38.802	ng		94
4) n-Nitrosodimethylamine	3.605	42	253708	41.505	ng	#	93
6) Aniline	7.093	93	787487	40.322	ng		92
8) 2-Chlorophenol	7.316	128	536181	39.153	ng		88
9) Benzaldehyde	6.905	77	433290	40.041	ng		91
10) Phenol	6.958	94	714755	39.646	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	545528	39.851	ng		91
12) 1,3-Dichlorobenzene	7.640	146	545232	38.201	ng	#	95
13) 1,4-Dichlorobenzene	7.787	146	551508	38.073	ng		96
14) 1,2-Dichlorobenzene	8.105	146	537894	38.698	ng		97
15) Benzyl Alcohol	7.999	79	555167	41.175	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.287	45	644805	39.583	ng		92
17) 2-Methylphenol	8.199	107	459255	40.343	ng		98
18) Hexachloroethane	8.822	117	223979	39.065	ng	#	86
19) n-Nitroso-di-n-propyla...	8.569	70	507706	42.090	ng	#	97
20) 3+4-Methylphenols	8.528	107	637215	41.125	ng		98
22) Acetophenone	8.575	105	854608	38.376	ng	#	96
24) Nitrobenzene	8.952	77	741193	39.193	ng		89
25) Isophorone	9.481	82	1312134	40.156	ng	#	93
26) 2-Nitrophenol	9.657	139	269036	39.091	ng		91
27) 2,4-Dimethylphenol	9.728	122	449340	38.988	ng		96
28) bis(2-Chloroethoxy)met...	9.969	93	680558	38.925	ng		98
29) 2,4-Dichlorophenol	10.187	162	456442	39.119	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	470572	37.532	ng		97
31) Naphthalene	10.587	128	1734341	38.436	ng		100
32) Benzoic acid	9.863	122	338561	37.973	ng		88
33) 4-Chloroaniline	10.704	127	715518	39.186	ng	#	93
34) Hexachlorobutadiene	10.875	225	275074	37.649	ng		99
35) Caprolactam	11.504	113	171394	40.737	ng	#	67
36) 4-Chloro-3-methylphenol	11.834	107	600031	40.475	ng		91
37) 2-Methylnaphthalene	12.204	142	1200081	39.249	ng		99
38) 1-Methylnaphthalene	12.422	142	1134012	39.028	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	484049	36.363	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	272092	38.539	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	345657	38.029	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	380892	37.858	ng	#	88
46) 1,1'-Biphenyl	13.222	154	1444020	37.511	ng		95
47) 2-Chloronaphthalene	13.263	162	1105496	37.291	ng		94
48) 2-Nitroaniline	13.475	65	422953	40.427	ng		85
49) Acenaphthylene	14.110	152	1830201	38.287	ng		99
50) Dimethylphthalate	13.863	163	1403440	37.908	ng		99
51) 2,6-Dinitrotoluene	13.975	165	317777	38.466	ng	#	75
52) Acenaphthene	14.451	154	1108570	38.105	ng		98
53) 3-Nitroaniline	14.304	138	356184	38.892	ng		83
54) 2,4-Dinitrophenol	14.504	184	160315	37.109	ng	#	80
55) Dibenzofuran	14.787	168	1737748	37.975	ng		93
56) 4-Nitrophenol	14.610	139	314650	39.567	ng	#	85
57) 2,4-Dinitrotoluene	14.757	165	434154	39.187	ng	#	73
58) Fluorene	15.439	166	1406014	38.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	324626	38.502	ng	#	69
60) Diethylphthalate	15.228	149	1499774	38.569	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	626037	37.795	ng	#	88
62) 4-Nitroaniline	15.469	138	388113	39.937	ng		92
63) Azobenzene	15.734	77	1835820	40.494	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	225934	36.721	ng		69
66) n-Nitrosodiphenylamine	15.657	169	1207158	38.141	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	369383	38.232	ng	#	90
68) Hexachlorobenzene	16.439	284	415510	37.792	ng	#	84
69) Atrazine	16.616	200	387806	39.266	ng		94
70) Pentachlorophenol	16.786	266	275211	39.452	ng		99
71) Phenanthrene	17.186	178	2172883	38.257	ng		99
72) Anthracene	17.275	178	2140675	39.005	ng		99
73) Carbazole	17.551	167	2161245	38.607	ng		98
74) Di-n-butylphthalate	18.116	149	2519413	39.502	ng		99
75) Fluoranthene	19.157	202	2447222	38.388	ng		93
77) Benzidine	19.345	184	872619	35.605	ng		98
78) Pyrene	19.510	202	2558436	39.108	ng		99
80) Butylbenzylphthalate	20.404	149	1158041	40.255	ng	#	85
81) Benzo(a)anthracene	21.227	228	2442037	38.152	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	658243	39.172	ng	#	97
83) Chrysene	21.280	228	2391222	38.535	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	1688927	39.068	ng	#	96
85) Di-n-octyl phthalate	22.074	149	2814963	39.506	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.986	276	2797430	38.427	ng	#	88
88) Benzo(b)fluoranthene	22.869	252	2535776	38.862	ng	#	96
89) Benzo(k)fluoranthene	22.916	252	2386857	38.099	ng	#	96
90) Benzo(a)pyrene	23.474	252	2269050	38.770	ng	#	94
91) Dibenzo(a,h)anthracene	26.010	278	2422918	38.494	ng	#	92
92) Benzo(g,h,i)perylene	26.727	276	2326189	38.566	ng	#	88

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

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