Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006451.D
Acq On : 02 Aug 2021 14:51
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC020

Quant Time: Aug 02 16:07:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 15:59:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	213300	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	880892	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	495445	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	968065	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	955463	20.000	ng	#	0.00
86) Perylene-d12	23.574	264	980677	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.364	112	575625	43.318	ng		0.00
7) Phenol-d6	6.940	99	816306	44.388	ng		0.00
23) Nitrobenzene-d5	8.916	82	781810	46.963	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	206138	45.663	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1382714	41.977	ng		0.00
79) Terphenyl-d14	19.716	244	1963136	41.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	129314	22.908	ng		91
3) Pyridine	3.705	79	367018	22.736	ng		94
4) n-Nitrosodimethylamine	3.617	42	141381	25.606	ng	#	86
6) Aniline	7.099	93	441342	22.077	ng		95
8) 2-Chlorophenol	7.328	128	311534	21.471	ng		90
9) Benzaldehyde	6.916	77	264346	24.917	ng		92
10) Phenol	6.963	94	410513	22.442	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	314942	22.419	ng		89
12) 1,3-Dichlorobenzene	7.652	146	330113	21.334	ng		96
13) 1,4-Dichlorobenzene	7.799	146	330509	21.033	ng		97
14) 1,2-Dichlorobenzene	8.110	146	321535	21.380	ng		95
15) Benzyl Alcohol	8.005	79	304345	23.009	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	375125	24.600	ng		91
17) 2-Methylphenol	8.205	107	261509	22.146	ng		98
18) Hexachloroethane	8.834	117	129890	22.731	ng	#	86
19) n-Nitroso-di-n-propyla...	8.575	70	273103	24.091	ng	#	95
20) 3+4-Methylphenols	8.534	107	352635	22.089	ng		98
22) Acetophenone	8.587	105	481064	22.087	ng	#	99
24) Nitrobenzene	8.957	77	406713	23.402	ng		89
25) Isophorone	9.487	82	690953	22.608	ng		94
26) 2-Nitrophenol	9.669	139	137126	20.618	ng		92
27) 2,4-Dimethylphenol	9.734	122	246487	20.599	ng		95
28) bis(2-Chloroethoxy)met...	9.975	93	378221	21.696	ng	#	97
29) 2,4-Dichlorophenol	10.193	162	248920	20.297	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	267180	19.758	ng		97
31) Naphthalene	10.599	128	972966	20.904	ng		99
32) Benzoic acid	9.834	122	164569	19.333	ng		91
33) 4-Chloroaniline	10.710	127	389411	20.921	ng		95
34) Hexachlorobutadiene	10.881	225	157709	19.880	ng		97
35) Caprolactam	11.493	113	84192	21.690	ng	#	73
36) 4-Chloro-3-methylphenol	11.834	107	310286	21.258	ng		91
37) 2-Methylnaphthalene	12.210	142	650158	20.343	ng		98
38) 1-Methylnaphthalene	12.428	142	615008	20.413	ng		97
40) 1,2,4,5-Tetrachloroben...	12.575	216	267910	20.058	ng	#	95
41) Hexachlorocyclopentadiene	12.557	237	144906	20.030	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	177586	20.138	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	199434	20.626	ng	#	88
46) 1,1'-Biphenyl	13.228	154	776780	20.931	ng		95
47) 2-Chloronaphthalene	13.263	162	599307	21.026	ng		94
48) 2-Nitroaniline	13.475	65	197800	24.099	ng		87
49) Acenaphthylene	14.110	152	958632	21.233	ng		100
50) Dimethylphthalate	13.863	163	739853	21.276	ng		99
51) 2,6-Dinitrotoluene	13.975	165	163475	21.719	ng	#	79
52) Acenaphthene	14.457	154	588406	21.084	ng		97
53) 3-Nitroaniline	14.304	138	177095	21.911	ng		83
54) 2,4-Dinitrophenol	14.504	184	77917	20.539	ng	#	80
55) Dibenzofuran	14.792	168	922986	21.120	ng		94
56) 4-Nitrophenol	14.604	139	152814	22.225	ng	#	84
57) 2,4-Dinitrotoluene	14.763	165	214303	21.781	ng	#	83
58) Fluorene	15.445	166	732013	21.014	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	165214	20.577	ng	#	70
60) Diethylphthalate	15.228	149	778670	21.833	ng		97
61) 4-Chlorophenyl-phenyle...	15.445	204	328544	20.130	ng		90
62) 4-Nitroaniline	15.469	138	185448	22.135	ng		90
63) Azobenzene	15.734	77	916208	24.064	ng		91
65) 4,6-Dinitro-2-methylph...	15.522	198	110377	20.504	ng		75
66) n-Nitrosodiphenylamine	15.657	169	628051	20.934	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	190554	22.287	ng	#	86
68) Hexachlorobenzene	16.445	284	215047	19.879	ng	#	88
69) Atrazine	16.622	200	193241	20.402	ng		96
70) Pentachlorophenol	16.786	266	132763	20.456	ng		98
71) Phenanthrene	17.186	178	1129336	21.145	ng		100
72) Anthracene	17.275	178	1098654	21.269	ng		99
73) Carbazole	17.551	167	1104923	21.380	ng		99
74) Di-n-butylphthalate	18.122	149	1257885	21.508	ng		99
75) Fluoranthene	19.157	202	1252302	20.951	ng		93
77) Benzidine	19.345	184	443624	17.788	ng		99
78) Pyrene	19.510	202	1310918	20.858	ng		99
80) Butylbenzylphthalate	20.404	149	558268	20.994	ng	#	85
81) Benzo(a)anthracene	21.227	228	1281870	20.895	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	337251	20.769	ng	#	94
83) Chrysene	21.280	228	1239321	20.886	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	878037	21.914	ng	#	95
85) Di-n-octyl phthalate	22.074	149	1418421	21.284	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.980	276	1428053	20.373	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	1291716	20.490	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	1268208	21.247	ng	#	96
90) Benzo(a)pyrene	23.468	252	1164366	20.618	ng	#	95
91) Dibenzo(a,h)anthracene	26.004	278	1243297	20.530	ng	#	92
92) Benzo(g,h,i)perylene	26.721	276	1191073	20.398	ng	#	89

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

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