Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110221\
Data File : BM032850.D
Acq On : 02 Nov 2021 13:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Nov 02 14:36:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 14:32:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	125905	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	554133	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	376805	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	793251	20.000	ng		0.00
76) Chrysene-d12	21.077	240	754135	20.000	ng	#	0.00
86) Perylene-d12	23.189	264	792054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	571393	83.103	ng		0.00
7) Phenol-d6	6.696	99	868170	80.420	ng		0.00
23) Nitrobenzene-d5	8.649	82	820673	76.124	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	338151	82.922	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	1918768	77.765	ng		0.00
79) Terphenyl-d14	19.524	244	2754819	75.440	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.914	88	119015	57.997	ng		90
3) Pyridine	3.319	79	339431	52.360	ng		89
4) n-Nitrosodimethylamine	3.237	42	143004	51.237	ng	#	67
6) Aniline	6.825	93	486793	40.144	ng		92
8) 2-Chlorophenol	7.066	128	335416	40.184	ng		93
9) Benzaldehyde	6.625	77	225343	35.023	ng		88
10) Phenol	6.719	94	418034	40.163	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	326889	39.145	ng		96
12) 1,3-Dichlorobenzene	7.384	146	363696	39.334	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	376128	39.768	ng		98
14) 1,2-Dichlorobenzene	7.843	146	369198	39.214	ng		96
15) Benzyl Alcohol	7.743	79	316860	40.779	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.031	45	463811	36.614	ng		98
17) 2-Methylphenol	7.960	107	292698	40.118	ng	#	91
18) Hexachloroethane	8.566	117	132642	36.649	ng		93
19) n-Nitroso-di-n-propyla...	8.301	70	266241	38.925	ng		87
20) 3+4-Methylphenols	8.290	107	410384	41.288	ng		97
22) Acetophenone	8.313	105	542111	39.031	ng	#	90
24) Nitrobenzene	8.690	77	393228	38.306	ng	#	90
25) Isophorone	9.207	82	723643	38.939	ng		97
26) 2-Nitrophenol	9.396	139	193254	41.205	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	302172	41.144	ng		97
28) bis(2-Chloroethoxy)met...	9.696	93	474927	39.395	ng		99
29) 2,4-Dichlorophenol	9.937	162	347741	41.857	ng		95
30) 1,2,4-Trichlorobenzene	10.148	180	373895	39.747	ng		99
31) Naphthalene	10.325	128	1136761	39.437	ng		100
32) Benzoic acid	9.666	122	260137	45.024	ng	#	84
33) 4-Chloroaniline	10.437	127	483167	40.830	ng		95
34) Hexachlorobutadiene	10.625	225	226376	39.219	ng		98
35) Caprolactam	11.219	113	117973	41.721	ng	#	83
36) 4-Chloro-3-methylphenol	11.589	107	399515	42.055	ng		99
37) 2-Methylnaphthalene	11.942	142	806205	40.636	ng		96
38) 1-Methylnaphthalene	12.172	142	791005	40.526	ng		98
40) 1,2,4,5-Tetrachloroben...	12.331	216	414740	39.287	ng	#	97
41) Hexachlorocyclopentadiene	12.319	237	233254	39.271	ng		99
43) 2,4,6-Trichlorophenol	12.584	196	300661	41.338	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	324778	41.157	ng	#	93
46) 1,1'-Biphenyl	12.978	154	1087039	39.471	ng		99
47) 2-Chloronaphthalene	13.019	162	832123	39.403	ng		97
48) 2-Nitroaniline	13.231	65	263916	40.311	ng	#	81
49) Acenaphthylene	13.872	152	1356314	40.055	ng		99
50) Dimethylphthalate	13.619	163	1087547	40.470	ng		100
51) 2,6-Dinitrotoluene	13.731	165	230579	41.355	ng	#	69
52) Acenaphthene	14.219	154	787586	38.955	ng		99
53) 3-Nitroaniline	14.066	138	257947	42.042	ng		85
54) 2,4-Dinitrophenol	14.272	184	144985	43.642	ng	#	65
55) Dibenzofuran	14.554	168	1332897	39.583	ng		94
56) 4-Nitrophenol	14.395	139	213529	43.284	ng	#	73
57) 2,4-Dinitrotoluene	14.525	165	322201	42.871	ng	#	60
58) Fluorene	15.207	166	987806	39.327	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.795	232	294123	41.834	ng	#	83
60) Diethylphthalate	14.989	149	1093746	40.762	ng		96
61) 4-Chlorophenyl-phenyle...	15.201	204	500290	37.887	ng		94
62) 4-Nitroaniline	15.236	138	274393	43.534	ng	#	73
63) Azobenzene	15.495	77	1065648	39.147	ng		86
65) 4,6-Dinitro-2-methylph...	15.295	198	209912	43.896	ng	#	76
66) n-Nitrosodiphenylamine	15.419	169	913076	39.205	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	321734	39.596	ng		92
68) Hexachlorobenzene	16.219	284	349849	39.056	ng	#	88
69) Atrazine	16.372	200	319280	41.838	ng		97
70) Pentachlorophenol	16.560	266	235208	42.215	ng		99
71) Phenanthrene	16.936	178	1649410	39.053	ng		99
72) Anthracene	17.024	178	1658560	39.949	ng		100
73) Carbazole	17.295	167	1668256	40.634	ng		98
74) Di-n-butylphthalate	17.860	149	1859593	41.999	ng	#	97
75) Fluoranthene	18.948	202	1908081	39.971	ng		96
77) Benzidine	19.136	184	1030010	56.122	ng		98
78) Pyrene	19.313	202	1994524	38.641	ng		99
80) Butylbenzylphthalate	20.218	149	840239	41.563	ng		92
81) Benzo(a)anthracene	21.065	228	1913231	39.605	ng		99
82) 3,3'-Dichlorobenzidine	21.001	252	614607	42.299	ng		100
83) Chrysene	21.112	228	1840623	39.138	ng		100
84) Bis(2-ethylhexyl)phtha...	20.995	149	1121684	41.843	ng		96
85) Di-n-octyl phthalate	21.836	149	2024731	43.552	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.283	276	2016591	40.692	ng		97
88) Benzo(b)fluoranthene	22.571	252	1853978	39.007	ng		98
89) Benzo(k)fluoranthene	22.612	252	1834938	37.780	ng		99
90) Benzo(a)pyrene	23.101	252	1585231	39.707	ng		99
91) Dibenzo(a,h)anthracene	25.283	278	1685401	40.847	ng	#	96
92) Benzo(g,h,i)perylene	25.918	276	1709126	41.551	ng	#	95

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

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