Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033244.D
Acq On : 24 Nov 2021 12:13
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Nov 24 14:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 14:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	121095	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	482493	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	306413	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	636088	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	623170	20.000	ng		0.00
86) Perylene-d12	23.789	264	624597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	560403	80.681	ng		0.00
7) Phenol-d6	7.096	99	756362	73.122	ng		0.00
23) Nitrobenzene-d5	9.101	82	789585	89.569	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	260889	76.025	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1623528	82.179	ng		0.00
79) Terphenyl-d14	19.907	244	2415465	84.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	117797	39.743	ng	#	76
3) Pyridine	3.825	79	316799	38.929	ng	#	77
4) n-Nitrosodimethylamine	3.737	42	156392	45.286	ng	#	65
6) Aniline	7.266	93	432833	37.477	ng		98
8) 2-Chlorophenol	7.501	128	293158	36.223	ng		98
9) Benzaldehyde	7.084	77	224639	38.479	ng		95
10) Phenol	7.119	94	380396	38.315	ng		94
11) bis(2-Chloroethyl)ether	7.366	93	295281	37.669	ng		98
12) 1,3-Dichlorobenzene	7.825	146	339653	37.983	ng		95
13) 1,4-Dichlorobenzene	7.972	146	346791	37.856	ng		99
14) 1,2-Dichlorobenzene	8.290	146	334708	37.129	ng		97
15) Benzyl Alcohol	8.178	79	301747	40.982	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	516305	45.823	ng		95
17) 2-Methylphenol	8.372	107	255549	36.642	ng		96
18) Hexachloroethane	9.019	117	129108	39.857	ng		92
19) n-Nitroso-di-n-propyla...	8.743	70	254361	40.163	ng		97
20) 3+4-Methylphenols	8.701	107	350009	36.668	ng		96
22) Acetophenone	8.760	105	460469	39.070	ng	#	95
24) Nitrobenzene	9.143	77	374969	44.394	ng		99
25) Isophorone	9.666	82	620421	39.828	ng		99
26) 2-Nitrophenol	9.848	139	146782	37.225	ng		87
27) 2,4-Dimethylphenol	9.901	122	242171	37.326	ng		100
28) bis(2-Chloroethoxy)met...	10.142	93	403318	38.751	ng		100
29) 2,4-Dichlorophenol	10.378	162	279722	37.593	ng		96
30) 1,2,4-Trichlorobenzene	10.595	180	319889	38.682	ng		97
31) Naphthalene	10.784	128	951760	38.003	ng		99
32) Benzoic acid	10.025	122	153557	29.267	ng		88
33) 4-Chloroaniline	10.895	127	378142	36.158	ng		99
34) Hexachlorobutadiene	11.066	225	196315	39.051	ng		98
35) Caprolactam	11.684	113	54930	22.015	ng		96
36) 4-Chloro-3-methylphenol	12.007	107	319791	37.570	ng		98
37) 2-Methylnaphthalene	12.389	142	651261	37.000	ng		96
38) 1-Methylnaphthalene	12.607	142	640014	36.763	ng		97
40) 1,2,4,5-Tetrachloroben...	12.754	216	338602	39.972	ng		97
41) Hexachlorocyclopentadiene	12.731	237	181274	40.748	ng		97
43) 2,4,6-Trichlorophenol	12.989	196	228296	38.512	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	246246	37.589	ng		94
46) 1,1'-Biphenyl	13.395	154	860700	38.870	ng		99
47) 2-Chloronaphthalene	13.442	162	661427	38.908	ng		99
48) 2-Nitroaniline	13.642	65	226387	45.323	ng		98
49) Acenaphthylene	14.283	152	1060626	38.886	ng		99
50) Dimethylphthalate	14.019	163	819330	36.750	ng		100
51) 2,6-Dinitrotoluene	14.136	165	171594	37.656	ng	#	74
52) Acenaphthene	14.625	154	633547	38.994	ng		99
53) 3-Nitroaniline	14.466	138	188000	37.908	ng		97
54) 2,4-Dinitrophenol	14.666	184	91098	33.129	ng	#	72
55) Dibenzofuran	14.960	168	1058389	38.804	ng		92
56) 4-Nitrophenol	14.760	139	154059	38.123	ng	#	83
57) 2,4-Dinitrotoluene	14.919	165	228752	37.057	ng	#	71
58) Fluorene	15.607	166	826856	40.436	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.177	232	215785	36.743	ng	#	84
60) Diethylphthalate	15.377	149	817506	36.579	ng		96
61) 4-Chlorophenyl-phenyle...	15.595	204	420457	38.891	ng		93
62) 4-Nitroaniline	15.624	138	195270	37.457	ng	#	80
63) Azobenzene	15.889	77	922660	43.150	ng		91
65) 4,6-Dinitro-2-methylph...	15.677	198	134927	33.650	ng		85
66) n-Nitrosodiphenylamine	15.813	169	712874	38.230	ng		96
67) 4-Bromophenyl-phenylether	16.489	248	251828	38.523	ng		91
68) Hexachlorobenzene	16.601	284	274609	38.327	ng	#	86
69) Atrazine	16.754	200	156853	25.055	ng		97
70) Pentachlorophenol	16.942	266	174474	38.914	ng		98
71) Phenanthrene	17.342	178	1310252	38.848	ng		99
72) Anthracene	17.430	178	1289998	38.750	ng		99
73) Carbazole	17.701	167	1277682	38.514	ng		97
74) Di-n-butylphthalate	18.254	149	1347439	37.038	ng	#	98
75) Fluoranthene	19.342	202	1515087	39.153	ng		98
77) Benzidine	19.530	184	307540	18.008	ng		100
78) Pyrene	19.707	202	1583836	37.937	ng		99
80) Butylbenzylphthalate	20.595	149	616792	36.756	ng	#	97
81) Benzo(a)anthracene	21.442	228	1501779	37.773	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	704403	56.433	ng		99
83) Chrysene	21.495	228	1469083	37.612	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	858759	38.364	ng		96
85) Di-n-octyl phthalate	22.265	149	1437841	36.018	ng		98
87) Indeno(1,2,3-cd)pyrene	26.183	276	1610611	41.722	ng		98
88) Benzo(b)fluoranthene	23.083	252	1470823	38.677	ng		99
89) Benzo(k)fluoranthene	23.130	252	1419460	38.292	ng		99
90) Benzo(a)pyrene	23.689	252	1212296	38.583	ng		99
91) Dibenzo(a,h)anthracene	26.188	278	1350810	42.022	ng		96
92) Benzo(g,h,i)perylene	26.912	276	1352400	42.298	ng		97

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

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