Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032867.D
Acq On : 04 Nov 2021 10:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 14:27:43 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 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	139260	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	597348	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	409635	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	870614	20.000	ng		0.00
76) Chrysene-d12	21.071	240	848279	20.000	ng	#	0.00
86) Perylene-d12	23.183	264	915457	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	628781	78.717	ng		0.00
7) Phenol-d6	6.696	99	940330	79.049	ng		0.00
23) Nitrobenzene-d5	8.648	82	893897	81.905	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	379400	82.700	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	2047179	77.512	ng		0.00
79) Terphenyl-d14	19.518	244	3009588	77.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.913	88	127315	41.548	ng		88
3) Pyridine	3.319	79	371238	39.669	ng		89
4) n-Nitrosodimethylamine	3.237	42	161105	40.566	ng	#	68
6) Aniline	6.825	93	529025	39.831	ng		93
8) 2-Chlorophenol	7.066	128	363993	39.109	ng		94
9) Benzaldehyde	6.625	77	240186	35.776	ng		86
10) Phenol	6.719	94	452623	39.644	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	353082	39.168	ng		95
12) 1,3-Dichlorobenzene	7.378	146	397482	38.652	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	407668	38.696	ng		98
14) 1,2-Dichlorobenzene	7.843	146	402145	38.790	ng		97
15) Benzyl Alcohol	7.743	79	348370	41.143	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	505464	39.009	ng		97
17) 2-Methylphenol	7.960	107	320792	39.997	ng	#	91
18) Hexachloroethane	8.566	117	145252	38.992	ng		91
19) n-Nitroso-di-n-propyla...	8.301	70	291451	40.017	ng		88
20) 3+4-Methylphenols	8.290	107	443506	40.402	ng		96
22) Acetophenone	8.313	105	580495	39.783	ng	#	90
24) Nitrobenzene	8.684	77	428141	40.943	ng	#	90
25) Isophorone	9.207	82	784862	40.697	ng		97
26) 2-Nitrophenol	9.395	139	213682	43.772	ng	#	78
27) 2,4-Dimethylphenol	9.478	122	328390	40.883	ng		96
28) bis(2-Chloroethoxy)met...	9.695	93	508736	39.481	ng		99
29) 2,4-Dichlorophenol	9.937	162	377523	40.982	ng		97
30) 1,2,4-Trichlorobenzene	10.142	180	401952	39.260	ng		99
31) Naphthalene	10.319	128	1219802	39.340	ng		99
32) Benzoic acid	9.666	122	295597	45.506	ng	#	87
33) 4-Chloroaniline	10.436	127	525431	40.582	ng		96
34) Hexachlorobutadiene	10.625	225	242528	38.968	ng		98
35) Caprolactam	11.219	113	133578	43.243	ng	#	86
36) 4-Chloro-3-methylphenol	11.589	107	432909	41.080	ng		96
37) 2-Methylnaphthalene	11.942	142	862864	39.596	ng		95
38) 1-Methylnaphthalene	12.166	142	840892	39.015	ng		97
40) 1,2,4,5-Tetrachloroben...	12.330	216	444247	39.228	ng	#	97
41) Hexachlorocyclopentadiene	12.319	237	245616	41.299	ng		98
43) 2,4,6-Trichlorophenol	12.578	196	330726	41.733	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	357690	40.842	ng	#	91
46) 1,1'-Biphenyl	12.977	154	1167303	39.433	ng		100
47) 2-Chloronaphthalene	13.013	162	893559	39.318	ng		99
48) 2-Nitroaniline	13.225	65	294417	44.090	ng	#	83
49) Acenaphthylene	13.866	152	1473471	40.410	ng		99
50) Dimethylphthalate	13.613	163	1182549	39.676	ng		99
51) 2,6-Dinitrotoluene	13.730	165	255907	42.007	ng	#	65
52) Acenaphthene	14.219	154	855593	39.391	ng		98
53) 3-Nitroaniline	14.060	138	291079	43.903	ng		89
54) 2,4-Dinitrophenol	14.266	184	167649	42.488	ng	#	68
55) Dibenzofuran	14.554	168	1438229	39.443	ng		94
56) 4-Nitrophenol	14.395	139	242190	44.830	ng	#	70
57) 2,4-Dinitrotoluene	14.524	165	355827	43.118	ng	#	60
58) Fluorene	15.201	166	1071109	39.182	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	318471	40.564	ng	#	85
60) Diethylphthalate	14.983	149	1200493	40.180	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	539322	37.315	ng		97
62) 4-Nitroaniline	15.230	138	307828	44.169	ng	#	73
63) Azobenzene	15.489	77	1167912	40.856	ng		87
65) 4,6-Dinitro-2-methylph...	15.295	198	237920	43.352	ng	#	73
66) n-Nitrosodiphenylamine	15.413	169	998411	39.119	ng		98
67) 4-Bromophenyl-phenylether	16.089	248	348393	38.938	ng		91
68) Hexachlorobenzene	16.218	284	381089	38.861	ng	#	84
69) Atrazine	16.366	200	345187	40.285	ng		96
70) Pentachlorophenol	16.554	266	267134	43.531	ng		98
71) Phenanthrene	16.930	178	1812496	39.263	ng		99
72) Anthracene	17.018	178	1781597	39.101	ng		100
73) Carbazole	17.289	167	1824214	40.176	ng		98
74) Di-n-butylphthalate	17.854	149	2042457	41.019	ng	#	97
75) Fluoranthene	18.948	202	2138482	40.377	ng		97
77) Benzidine	19.136	184	1007319	43.331	ng		98
78) Pyrene	19.312	202	2193793	38.602	ng		99
80) Butylbenzylphthalate	20.212	149	958318	41.953	ng		91
81) Benzo(a)anthracene	21.059	228	2148075	39.691	ng		99
82) 3,3'-Dichlorobenzidine	20.995	252	703239	41.389	ng		100
83) Chrysene	21.112	228	2089722	39.304	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	1233475	40.481	ng		96
85) Di-n-octyl phthalate	21.830	149	2329872	42.875	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.271	276	2307444	40.782	ng		96
88) Benzo(b)fluoranthene	22.559	252	2179610	39.105	ng		99
89) Benzo(k)fluoranthene	22.600	252	2048231	37.698	ng		98
90) Benzo(a)pyrene	23.094	252	1815942	39.432	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	1909412	40.527	ng	#	96
92) Benzo(g,h,i)perylene	25.906	276	1957373	41.769	ng	#	95

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

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