Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110321\
Data File : BM032858.D
Acq On : 03 Nov 2021 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 03 11:17:34 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	7.489	152	123122	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	541167	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	377778	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	794706	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	771479	20.000	ng		0.00
86) Perylene-d12	23.183	264	818249	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	555824	78.704	ng		0.00
7) Phenol-d6	6.695	99	834824	79.378	ng		0.00
23) Nitrobenzene-d5	8.648	82	805924	81.510	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	350230	82.780	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	1916242	78.672	ng		0.00
79) Terphenyl-d14	19.518	244	2818392	79.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.913	88	111909	41.280	ng		89
3) Pyridine	3.319	79	322379	38.963	ng	#	88
4) n-Nitrosodimethylamine	3.237	42	137627	39.196	ng	#	66
6) Aniline	6.825	93	467893	39.846	ng		93
8) 2-Chlorophenol	7.066	128	325744	39.587	ng		94
9) Benzaldehyde	6.625	77	222654	37.511	ng		88
10) Phenol	6.719	94	402945	39.918	ng		87
11) bis(2-Chloroethyl)ether	6.919	93	319894	40.137	ng		95
12) 1,3-Dichlorobenzene	7.384	146	354315	38.971	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	361348	38.795	ng		98
14) 1,2-Dichlorobenzene	7.842	146	356133	38.855	ng		97
15) Benzyl Alcohol	7.742	79	313102	41.824	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	453849	39.617	ng		98
17) 2-Methylphenol	7.960	107	289954	40.891	ng	#	91
18) Hexachloroethane	8.566	117	129660	39.368	ng		93
19) n-Nitroso-di-n-propyla...	8.301	70	267398	41.526	ng	#	86
20) 3+4-Methylphenols	8.289	107	396850	40.890	ng		97
22) Acetophenone	8.313	105	529089	40.025	ng	#	90
24) Nitrobenzene	8.689	77	382790	40.406	ng	#	90
25) Isophorone	9.207	82	722329	41.343	ng		96
26) 2-Nitrophenol	9.395	139	193031	43.646	ng	#	79
27) 2,4-Dimethylphenol	9.478	122	296506	40.746	ng		96
28) bis(2-Chloroethoxy)met...	9.695	93	470737	40.325	ng		99
29) 2,4-Dichlorophenol	9.936	162	344029	41.223	ng		96
30) 1,2,4-Trichlorobenzene	10.142	180	366880	39.555	ng		98
31) Naphthalene	10.325	128	1107916	39.441	ng		100
32) Benzoic acid	9.666	122	273848	46.534	ng	#	82
33) 4-Chloroaniline	10.436	127	477545	40.713	ng		95
34) Hexachlorobutadiene	10.625	225	223997	39.727	ng		98
35) Caprolactam	11.219	113	121151	43.291	ng	#	84
36) 4-Chloro-3-methylphenol	11.589	107	398349	41.725	ng		99
37) 2-Methylnaphthalene	11.942	142	793732	40.205	ng		95
38) 1-Methylnaphthalene	12.166	142	779457	39.919	ng		97
40) 1,2,4,5-Tetrachloroben...	12.330	216	413775	39.619	ng	#	97
41) Hexachlorocyclopentadiene	12.319	237	233504	42.573	ng		98
43) 2,4,6-Trichlorophenol	12.577	196	306403	41.924	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	333025	41.232	ng	#	90
46) 1,1'-Biphenyl	12.977	154	1073209	39.312	ng		99
47) 2-Chloronaphthalene	13.019	162	822843	39.260	ng		98
48) 2-Nitroaniline	13.230	65	265229	43.068	ng	#	79
49) Acenaphthylene	13.871	152	1351023	40.176	ng		100
50) Dimethylphthalate	13.619	163	1102458	40.108	ng		100
51) 2,6-Dinitrotoluene	13.730	165	236995	42.183	ng	#	65
52) Acenaphthene	14.218	154	795709	39.723	ng		98
53) 3-Nitroaniline	14.066	138	259820	42.493	ng		84
54) 2,4-Dinitrophenol	14.266	184	154557	42.475	ng	#	68
55) Dibenzofuran	14.554	168	1336800	39.753	ng		93
56) 4-Nitrophenol	14.395	139	218725	43.900	ng	#	69
57) 2,4-Dinitrotoluene	14.524	165	326481	42.898	ng	#	61
58) Fluorene	15.201	166	994482	39.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	296854	40.999	ng	#	85
60) Diethylphthalate	14.989	149	1113728	40.420	ng		95
61) 4-Chlorophenyl-phenyle...	15.195	204	512631	38.459	ng		95
62) 4-Nitroaniline	15.230	138	277777	43.218	ng	#	73
63) Azobenzene	15.489	77	1080710	40.993	ng		87
65) 4,6-Dinitro-2-methylph...	15.295	198	218422	43.601	ng	#	73
66) n-Nitrosodiphenylamine	15.418	169	927630	39.817	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	320485	39.241	ng		92
68) Hexachlorobenzene	16.218	284	360636	40.288	ng	#	85
69) Atrazine	16.365	200	324949	41.546	ng		95
70) Pentachlorophenol	16.560	266	244549	43.657	ng		98
71) Phenanthrene	16.930	178	1650701	39.173	ng		100
72) Anthracene	17.018	178	1659568	39.902	ng		100
73) Carbazole	17.295	167	1650376	39.819	ng		98
74) Di-n-butylphthalate	17.854	149	1977692	43.512	ng	#	97
75) Fluoranthene	18.948	202	1925601	39.830	ng		97
77) Benzidine	19.136	184	933167	44.137	ng		98
78) Pyrene	19.312	202	2008487	38.860	ng		99
80) Butylbenzylphthalate	20.212	149	908121	43.714	ng		92
81) Benzo(a)anthracene	21.059	228	1949030	39.598	ng		99
82) 3,3'-Dichlorobenzidine	21.000	252	646640	41.847	ng		99
83) Chrysene	21.112	228	1866212	38.594	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	1217796	43.945	ng		94
85) Di-n-octyl phthalate	21.830	149	2257479	45.679	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.277	276	2164633	42.803	ng		97
88) Benzo(b)fluoranthene	22.565	252	1929639	38.733	ng		99
89) Benzo(k)fluoranthene	22.606	252	1918113	39.497	ng		99
90) Benzo(a)pyrene	23.094	252	1652099	40.136	ng		98
91) Dibenzo(a,h)anthracene	25.277	278	1798810	42.715	ng	#	96
92) Benzo(g,h,i)perylene	25.912	276	1849294	44.150	ng	#	95

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

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