Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090221\
Data File : BM032033.D
Acq On : 02 Sep 2021 23:05
Operator : CG/JU
Sample : PB138876BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 03 06:38:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 19:37:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB138876BSD

Manual Integrations APPROVED
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9/3/2021 3:31:23 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.493	152	75172	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	286872	20.000	ng		0.00
39) Acenaphthene-d10	14.133	164	185423	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	346749	20.000	ng		0.00
76) Chrysene-d12	21.098	240	319364	20.000	ng		0.00
86) Perylene-d12	23.227	264	353860	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	415530	94.886	ng		0.00
7) Phenol-d6	6.693	99	495540	85.460	ng		0.00
23) Nitrobenzene-d5	8.645	82	525417	88.185	ng		0.00
42) 2,4,6-Tribromophenol	15.639	330	199123	80.112	ng		0.00
45) 2-Fluorobiphenyl	12.745	172	1256460	88.686	ng		0.00
79) Terphenyl-d14	19.539	244	1702328	98.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	66157	34.882	ng		99
3) Pyridine	3.534	79	147210	30.970	ng		98
4) n-Nitrosodimethylamine	3.452	42	90074	40.354	ng	#	75
6) Aniline	6.846	93	284661	46.834	ng		93
8) 2-Chlorophenol	7.069	128	218051	44.631	ng		93
9) Benzaldehyde	6.663	77	137077	40.004	ng		96
10) Phenol	6.722	94	261092	45.432	ng		90
11) bis(2-Chloroethyl)ether	6.946	93	194935	45.197	ng		92
12) 1,3-Dichlorobenzene	7.381	146	239942	42.221	ng	#	92
13) 1,4-Dichlorobenzene	7.528	146	242997	41.853	ng		95
14) 1,2-Dichlorobenzene	7.834	146	236928	42.404	ng		97
15) Benzyl Alcohol	7.745	79	183989	44.491	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.028	45	254119	45.421	ng		96
17) 2-Methylphenol	7.946	107	172456	45.638	ng		95
18) Hexachloroethane	8.540	117	93327	45.117	ng	#	88
19) n-Nitroso-di-n-propyla...	8.304	70	158783	42.863	ng	#	93
20) 3+4-Methylphenols	8.275	107	229524	44.420	ng		95
22) Acetophenone	8.316	105	324002	43.488	ng		93
24) Nitrobenzene	8.687	77	245489	40.846	ng		93
25) Isophorone	9.210	82	397669	40.258	ng		95
26) 2-Nitrophenol	9.387	139	118092	44.483	ng	#	78
27) 2,4-Dimethylphenol	9.457	122	189972	48.512	ng		96
28) bis(2-Chloroethoxy)met...	9.692	93	249212	47.187	ng		99
29) 2,4-Dichlorophenol	9.910	162	217629	43.859	ng		94
30) 1,2,4-Trichlorobenzene	10.116	180	247113	42.497	ng		97
31) Naphthalene	10.298	128	642434	41.340	ng		100
32) Benzoic acid	9.634	122	122108	44.041	ng	#	85
33) 4-Chloroaniline	10.434	127	214834	35.312	ng		94
34) Hexachlorobutadiene	10.575	225	153655	41.027	ng		97
35) Caprolactam	11.234	113	52772m	41.885	ng		
36) 4-Chloro-3-methylphenol	11.563	107	202178	42.109	ng		87
37) 2-Methylnaphthalene	11.922	142	488306	42.226	ng		94
38) 1-Methylnaphthalene	12.145	142	452060	41.554	ng		99
40) 1,2,4,5-Tetrachloroben...	12.298	216	271343	44.330	ng		97
41) Hexachlorocyclopentadiene	12.263	237	358827	137.028	ng		97
43) 2,4,6-Trichlorophenol	12.551	196	175623	43.984	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	184630	42.665	ng	#	89
46) 1,1'-Biphenyl	12.957	154	608093	42.444	ng		98
47) 2-Chloronaphthalene	12.998	162	494724	42.541	ng		94
48) 2-Nitroaniline	13.227	65	130395	43.590	ng	#	81
49) Acenaphthylene	13.851	152	746431	42.916	ng		100
50) Dimethylphthalate	13.616	163	583615	42.225	ng		99
51) 2,6-Dinitrotoluene	13.733	165	129844	41.067	ng	#	68
52) Acenaphthene	14.198	154	450352	41.556	ng		97
53) 3-Nitroaniline	14.069	138	93278	32.583	ng		87
54) 2,4-Dinitrophenol	14.286	184	156840	90.949	ng	#	66
55) Dibenzofuran	14.539	168	732875	40.481	ng		93
56) 4-Nitrophenol	14.392	139	196491	87.402	ng	#	78
57) 2,4-Dinitrotoluene	14.533	165	175208	41.343	ng	#	77
58) Fluorene	15.192	166	589870	41.070	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.774	232	156499	40.414	ng	#	83
60) Diethylphthalate	14.986	149	578592	42.555	ng		97
61) 4-Chlorophenyl-phenyle...	15.198	204	309920	42.103	ng		88
62) 4-Nitroaniline	15.245	138	108798	40.452	ng	#	82
63) Azobenzene	15.492	77	553645	42.018	ng		89
65) 4,6-Dinitro-2-methylph...	15.298	198	93040	40.299	ng	#	75
66) n-Nitrosodiphenylamine	15.416	169	507847	45.080	ng		97
67) 4-Bromophenyl-phenylether	16.092	248	182565	45.433	ng	#	87
68) Hexachlorobenzene	16.192	284	205633	44.776	ng	#	82
69) Atrazine	16.386	200	173759	49.023	ng		97
70) Pentachlorophenol	16.545	266	247176	93.143	ng		99
71) Phenanthrene	16.933	178	880476	42.525	ng		98
72) Anthracene	17.027	178	886749	44.327	ng		99
73) Carbazole	17.310	167	765040	40.352	ng		97
74) Di-n-butylphthalate	17.880	149	906472	45.884	ng		98
75) Fluoranthene	18.957	202	949745	39.985	ng		98
77) Benzidine	19.168	184	648409	102.183	ng		97
78) Pyrene	19.327	202	983779	45.441	ng		99
80) Butylbenzylphthalate	20.251	149	373281	48.382	ng		90
81) Benzo(a)anthracene	21.080	228	925804	42.680	ng		100
82) 3,3'-Dichlorobenzidine	21.027	252	294901	47.879	ng		98
83) Chrysene	21.133	228	907872	41.885	ng		99
84) Bis(2-ethylhexyl)phtha...	21.027	149	573385	51.065	ng	#	96
85) Di-n-octyl phthalate	21.886	149	971699	50.384	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.333	276	1348769	47.465	ng		97
88) Benzo(b)fluoranthene	22.597	252	1069783	44.697	ng		98
89) Benzo(k)fluoranthene	22.639	252	964705	41.614	ng		98
90) Benzo(a)pyrene	23.139	252	1023256	46.458	ng		98
91) Dibenzo(a,h)anthracene	25.338	278	1157026	47.280	ng		98
92) Benzo(g,h,i)perylene	25.968	276	1144195	47.943	ng		98

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

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