Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032892.D
Acq On : 08 Nov 2021 13:27
Operator : CG/JU
Sample : M4499-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGEMS

Quant Time: Nov 08 13:58:20 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	91768	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	420028	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	293451	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	637884	20.000	ng	#	-0.01
76) Chrysene-d12	21.071	240	629255	20.000	ng		0.00
86) Perylene-d12	23.177	264	683857	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	870428	165.362	ng		0.00
7) Phenol-d6	6.695	99	1111421	141.785	ng		0.00
23) Nitrobenzene-d5	8.642	82	772124	100.614	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	488526	148.648	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1850802	97.821	ng		0.00
79) Terphenyl-d14	19.518	244	2788390	96.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	95032	47.681	ng		88
3) Pyridine	3.337	79	192545	31.222	ng		88
4) n-Nitrosodimethylamine	3.237	42	138213	52.812	ng	#	69
6) Aniline	6.819	93	283084	32.344	ng		93
8) 2-Chlorophenol	7.060	128	361058	58.870	ng		96
9) Benzaldehyde	6.625	77	175262	39.616	ng		87
10) Phenol	6.725	94	421662	56.045	ng		86
11) bis(2-Chloroethyl)ether	6.919	93	322327	54.261	ng		94
12) 1,3-Dichlorobenzene	7.378	146	343811	50.736	ng	#	91
13) 1,4-Dichlorobenzene	7.519	146	351061	50.569	ng		98
14) 1,2-Dichlorobenzene	7.842	146	348106	50.955	ng		97
15) Benzyl Alcohol	7.742	79	347793	62.332	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.025	45	455102	53.299	ng		97
17) 2-Methylphenol	7.960	107	312440	59.117	ng	#	92
18) Hexachloroethane	8.566	117	128655	52.410	ng		91
19) n-Nitroso-di-n-propyla...	8.301	70	270883	56.441	ng	#	87
20) 3+4-Methylphenols	8.289	107	422708	58.436	ng		95
22) Acetophenone	8.313	105	530378	51.694	ng	#	90
24) Nitrobenzene	8.684	77	404191	54.970	ng	#	90
25) Isophorone	9.207	82	758118	55.905	ng		96
26) 2-Nitrophenol	9.395	139	199103	58.003	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	370496	65.597	ng		96
28) bis(2-Chloroethoxy)met...	9.689	93	468089	51.663	ng		100
29) 2,4-Dichlorophenol	9.936	162	375525	57.974	ng		97
30) 1,2,4-Trichlorobenzene	10.142	180	353544	49.110	ng		98
31) Naphthalene	10.319	128	1125210	51.610	ng		99
32) Benzoic acid	9.619	122	61578	13.482	ng	#	84
33) 4-Chloroaniline	10.436	127	122561	13.462	ng		95
34) Hexachlorobutadiene	10.619	225	211589	48.349	ng		99
35) Caprolactam	11.213	113	112820	51.941	ng		89
36) 4-Chloro-3-methylphenol	11.595	107	435205	58.733	ng		99
37) 2-Methylnaphthalene	11.942	142	846461	55.241	ng		96
38) 1-Methylnaphthalene	12.166	142	779042	51.404	ng		99
40) 1,2,4,5-Tetrachloroben...	12.330	216	400746	49.398	ng		97
41) Hexachlorocyclopentadiene	12.313	237	454509	106.681	ng		99
43) 2,4,6-Trichlorophenol	12.577	196	311747	54.913	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	343999	54.830	ng	#	92
46) 1,1'-Biphenyl	12.971	154	1083338	51.086	ng		98
47) 2-Chloronaphthalene	13.013	162	854145	52.464	ng		98
48) 2-Nitroaniline	13.224	65	293707	61.397	ng	#	84
49) Acenaphthylene	13.866	152	1425279	54.564	ng		99
50) Dimethylphthalate	13.613	163	1155622	54.123	ng		100
51) 2,6-Dinitrotoluene	13.724	165	258110	59.143	ng	#	67
52) Acenaphthene	14.213	154	834366	53.623	ng		99
53) 3-Nitroaniline	14.060	138	148259	31.215	ng		86
54) 2,4-Dinitrophenol	14.266	184	142818	49.649	ng	#	66
55) Dibenzofuran	14.548	168	1365353	52.269	ng		95
56) 4-Nitrophenol	14.401	139	435755	112.594	ng	#	70
57) 2,4-Dinitrotoluene	14.518	165	364639	61.680	ng	#	63
58) Fluorene	15.201	166	1064571	54.361	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.789	232	302942	53.863	ng	#	85
60) Diethylphthalate	14.983	149	1184886	55.359	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	518639	50.092	ng		95
62) 4-Nitroaniline	15.230	138	276269	55.335	ng	#	73
63) Azobenzene	15.489	77	1126927	55.030	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	139171	34.611	ng	#	78
66) n-Nitrosodiphenylamine	15.413	169	980767	52.448	ng		98
67) 4-Bromophenyl-phenylether	16.083	248	335014	51.104	ng		95
68) Hexachlorobenzene	16.218	284	376563	52.409	ng	#	82
69) Atrazine	16.365	200	365698	58.250	ng		96
70) Pentachlorophenol	16.554	266	490178	109.020	ng		98
71) Phenanthrene	16.930	178	1779523	52.613	ng		99
72) Anthracene	17.018	178	1824595	54.655	ng		100
73) Carbazole	17.289	167	1722471	51.776	ng		98
74) Di-n-butylphthalate	17.854	149	2063583	56.564	ng	#	98
75) Fluoranthene	18.942	202	2091032	53.885	ng		97
77) Benzidine	19.130	184	532839	30.898	ng		99
78) Pyrene	19.306	202	2169106	51.453	ng		99
80) Butylbenzylphthalate	20.212	149	950045	56.068	ng		92
81) Benzo(a)anthracene	21.053	228	2066253	51.468	ng		99
82) 3,3'-Dichlorobenzidine	20.994	252	423408	33.593	ng		99
83) Chrysene	21.106	228	2056253	52.135	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	1330740	58.875	ng	#	95
85) Di-n-octyl phthalate	21.824	149	2440409	60.541	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.265	276	2375828	56.212	ng		97
88) Benzo(b)fluoranthene	22.559	252	2200980	52.862	ng		98
89) Benzo(k)fluoranthene	22.600	252	2176153	53.617	ng		99
90) Benzo(a)pyrene	23.094	252	2150348	62.507	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	2020411	57.406	ng	#	95
92) Benzo(g,h,i)perylene	25.906	276	2065340	58.998	ng	#	96

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

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