Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033267.D
Acq On : 26 Nov 2021 16:29
Operator : CG/JU
Sample : PB141003BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141003BS

Quant Time: Nov 26 17:28:15 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 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	133186	20.000	ng		0.00
21) Naphthalene-d8	10.730	136	516252	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	310015	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	585906	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	499438	20.000	ng		0.00
86) Perylene-d12	23.788	264	529565	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	997237	123.648	ng		0.00
7) Phenol-d6	7.101	99	1273240	117.876	ng		0.00
23) Nitrobenzene-d5	9.101	82	915988	82.369	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	387022	114.522	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1769759	80.509	ng		0.00
79) Terphenyl-d14	19.900	244	2257932	89.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	114152	33.198	ng	#	74
3) Pyridine	3.825	79	273573	31.322	ng	#	78
4) n-Nitrosodimethylamine	3.737	42	204050	45.998	ng	#	63
6) Aniline	7.266	93	376985	30.995	ng		98
8) 2-Chlorophenol	7.501	128	373877	44.523	ng		97
9) Benzaldehyde	7.078	77	193454	30.135	ng		96
10) Phenol	7.125	94	478089	43.765	ng		94
11) bis(2-Chloroethyl)ether	7.360	93	371635	44.466	ng		98
12) 1,3-Dichlorobenzene	7.825	146	414702	42.031	ng		97
13) 1,4-Dichlorobenzene	7.972	146	423966	42.003	ng		98
14) 1,2-Dichlorobenzene	8.289	146	408287	42.353	ng		97
15) Benzyl Alcohol	8.178	79	365932	43.532	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	648630	43.788	ng		95
17) 2-Methylphenol	8.378	107	319244	44.271	ng		95
18) Hexachloroethane	9.013	117	168078	45.863	ng		94
19) n-Nitroso-di-n-propyla...	8.742	70	313168	43.605	ng		94
20) 3+4-Methylphenols	8.701	107	418816	42.878	ng		97
22) Acetophenone	8.760	105	551907	41.540	ng	#	96
24) Nitrobenzene	9.142	77	472710	44.125	ng		97
25) Isophorone	9.666	82	764421	43.955	ng		99
26) 2-Nitrophenol	9.848	139	187847	47.009	ng		88
27) 2,4-Dimethylphenol	9.901	122	333314	48.843	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	472666	41.718	ng		99
29) 2,4-Dichlorophenol	10.377	162	333234	43.108	ng		96
30) 1,2,4-Trichlorobenzene	10.595	180	383869	41.837	ng		98
31) Naphthalene	10.783	128	1161336	42.646	ng		99
32) Benzoic acid	10.030	122	172894	40.022	ng		91
33) 4-Chloroaniline	10.895	127	137769	13.154	ng		99
34) Hexachlorobutadiene	11.060	225	233953	41.248	ng		97
35) Caprolactam	11.683	113	96135	64.970	ng		95
36) 4-Chloro-3-methylphenol	12.013	107	365980	41.644	ng		98
37) 2-Methylnaphthalene	12.389	142	808881	43.629	ng		95
38) 1-Methylnaphthalene	12.607	142	750140	41.472	ng		95
40) 1,2,4,5-Tetrachloroben...	12.754	216	392367	42.169	ng		98
41) Hexachlorocyclopentadiene	12.730	237	503903	109.082	ng		98
43) 2,4,6-Trichlorophenol	12.989	196	257435	43.310	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	273565	42.009	ng		94
46) 1,1'-Biphenyl	13.395	154	982352	42.144	ng		99
47) 2-Chloronaphthalene	13.436	162	766156	43.017	ng		99
48) 2-Nitroaniline	13.642	65	261335	45.395	ng		97
49) Acenaphthylene	14.283	152	1218953	43.822	ng		100
50) Dimethylphthalate	14.013	163	896930	40.708	ng		99
51) 2,6-Dinitrotoluene	14.136	165	196318	44.507	ng	#	77
52) Acenaphthene	14.624	154	716157	41.899	ng		97
53) 3-Nitroaniline	14.465	138	104684	22.272	ng		98
54) 2,4-Dinitrophenol	14.665	184	165856	71.560	ng	#	75
55) Dibenzofuran	14.954	168	1150688	40.486	ng		94
56) 4-Nitrophenol	14.771	139	336694	89.375	ng	#	84
57) 2,4-Dinitrotoluene	14.918	165	261551	45.265	ng	#	70
58) Fluorene	15.601	166	920823	41.376	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.177	232	229788	40.334	ng	#	85
60) Diethylphthalate	15.371	149	894854	40.934	ng		96
61) 4-Chlorophenyl-phenyle...	15.595	204	455318	40.121	ng		92
62) 4-Nitroaniline	15.624	138	189251	38.826	ng	#	78
63) Azobenzene	15.883	77	1025926	42.393	ng		92
65) 4,6-Dinitro-2-methylph...	15.677	198	118555	39.066	ng		85
66) n-Nitrosodiphenylamine	15.812	169	781823	45.483	ng		98
67) 4-Bromophenyl-phenylether	16.489	248	270595	44.180	ng		91
68) Hexachlorobenzene	16.595	284	298066	44.338	ng	#	86
69) Atrazine	16.754	200	265046	73.805	ng		97
70) Pentachlorophenol	16.942	266	373737	94.347	ng		99
71) Phenanthrene	17.336	178	1398754	43.432	ng		99
72) Anthracene	17.424	178	1416169	45.581	ng		99
73) Carbazole	17.695	167	1256841	40.663	ng		97
74) Di-n-butylphthalate	18.253	149	1462753	45.558	ng	#	98
75) Fluoranthene	19.342	202	1519232	41.050	ng		97
77) Benzidine	19.524	184	690374	122.944	ng		98
78) Pyrene	19.700	202	1560077	47.452	ng		100
80) Butylbenzylphthalate	20.589	149	602656	49.007	ng		99
81) Benzo(a)anthracene	21.436	228	1380392	43.061	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	427914	29.555	ng		99
83) Chrysene	21.489	228	1364121	43.686	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	847589	48.944	ng	#	95
85) Di-n-octyl phthalate	22.265	149	1412008	48.018	ng		98
87) Indeno(1,2,3-cd)pyrene	26.176	276	1777621	48.890	ng		97
88) Benzo(b)fluoranthene	23.083	252	1486061	46.203	ng		99
89) Benzo(k)fluoranthene	23.130	252	1366122	42.331	ng		99
90) Benzo(a)pyrene	23.688	252	1448004	53.754	ng		99
91) Dibenzo(a,h)anthracene	26.194	278	1520719	49.951	ng		96
92) Benzo(g,h,i)perylene	26.918	276	1559105	51.343	ng		97

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

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