Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043973.D
Acq On : 05 Feb 2024 12:12
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 06 06:46:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	180513	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	831422	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	535998	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1235511	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1357216	20.000	ng		0.00
86) Perylene-d12	23.927	264	1740302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	114505	9.367	ng		0.00
7) Phenol-d6	7.087	99	160056	8.862	ng		0.00
23) Nitrobenzene-d5	9.092	82	163355	9.471	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	55253	8.457	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	385702	9.888	ng		0.00
79) Terphenyl-d14	19.956	244	700374	9.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	24312	5.146	ng		93
3) Pyridine	3.804	79	68072	4.745	ng	#	90
4) n-Nitrosodimethylamine	3.722	42	29802	4.822	ng	#	84
6) Aniline	7.251	93	82006	4.563	ng		99
8) 2-Chlorophenol	7.481	128	63873	4.706	ng		98
9) Benzaldehyde	7.069	77	58665	2.551	ng		98
10) Phenol	7.110	94	83361	4.642	ng		97
11) bis(2-Chloroethyl)ether	7.357	93	68979	4.901	ng		97
12) 1,3-Dichlorobenzene	7.810	146	75047	5.122	ng		99
13) 1,4-Dichlorobenzene	7.957	146	74145	5.003	ng		97
14) 1,2-Dichlorobenzene	8.269	146	74389	5.090	ng		97
15) Benzyl Alcohol	8.169	79	56104	4.532	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.457	45	94709	5.033	ng		98
17) 2-Methylphenol	8.369	107	50480	4.398	ng		98
18) Hexachloroethane	8.992	117	27124	4.878	ng		92
19) n-Nitroso-di-n-propyla...	8.733	70	56402	4.746	ng		97
20) 3+4-Methylphenols	8.698	107	70167	4.331	ng		96
22) Acetophenone	8.751	105	112361	4.988	ng	#	97
24) Nitrobenzene	9.133	77	83947	4.851	ng		99
25) Isophorone	9.657	82	146744	4.570	ng		99
26) 2-Nitrophenol	9.845	139	28221	4.035	ng		93
27) 2,4-Dimethylphenol	9.904	122	42496	4.425	ng		96
28) bis(2-Chloroethoxy)met...	10.151	93	99058	5.052	ng		96
29) 2,4-Dichlorophenol	10.375	162	51379	4.195	ng		96
30) 1,2,4-Trichlorobenzene	10.586	180	69117	4.996	ng		99
31) Naphthalene	10.775	128	228852	4.938	ng		99
33) 4-Chloroaniline	10.898	127	86968	4.566	ng		99
34) Hexachlorobutadiene	11.051	225	38134	5.054	ng		98
35) Caprolactam	11.663	113	20046	3.991	ng		91
36) 4-Chloro-3-methylphenol	12.016	107	64297	4.287	ng		99
37) 2-Methylnaphthalene	12.386	142	158235	4.896	ng		97
38) 1-Methylnaphthalene	12.610	142	158285	4.906	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	75170	4.945	ng		99
41) Hexachlorocyclopentadiene	12.721	237	22692	4.539	ng		95
43) 2,4,6-Trichlorophenol	12.998	196	42933	4.179	ng		96
44) 2,4,5-Trichlorophenol	13.063	196	49325	4.208	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.404	154	208111	4.937	ng		99
47) 2-Chloronaphthalene	13.439	162	164117	4.882	ng		96
48) 2-Nitroaniline	13.651	65	46554	4.258	ng		90
49) Acenaphthylene	14.286	152	239142	4.654	ng		99
50) Dimethylphthalate	14.033	163	202877	4.873	ng		99
51) 2,6-Dinitrotoluene	14.157	165	38576	4.215	ng		99
52) Acenaphthene	14.627	154	157748	4.843	ng		98
53) 3-Nitroaniline	14.480	138	43248	4.071	ng	#	97
55) Dibenzofuran	14.962	168	254935	5.029	ng		98
56) 4-Nitrophenol	14.780	139	36067	3.885	ng		94
57) 2,4-Dinitrotoluene	14.939	165	51295	4.026	ng		97
58) Fluorene	15.615	166	206523	4.824	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	45652	4.518	ng		100
60) Diethylphthalate	15.398	149	206699	4.796	ng		98
61) 4-Chlorophenyl-phenyle...	15.615	204	97949	4.904	ng		98
62) 4-Nitroaniline	15.639	138	46334	3.989	ng		93
63) Azobenzene	15.909	77	198989	4.623	ng		99
66) n-Nitrosodiphenylamine	15.833	169	170509	4.633	ng		99
67) 4-Bromophenyl-phenylether	16.515	248	57305	4.708	ng		98
68) Hexachlorobenzene	16.609	284	71331	4.915	ng		99
69) Atrazine	16.792	200	52360	5.143	ng		95
70) Pentachlorophenol	16.962	266	36309	3.810	ng		100
71) Phenanthrene	17.362	178	334124	4.855	ng		98
72) Anthracene	17.451	178	310582	4.610	ng		98
73) Carbazole	17.727	167	322161	4.617	ng		99
74) Di-n-butylphthalate	18.309	149	334605	4.373	ng		100
75) Fluoranthene	19.380	202	402080	4.725	ng		98
77) Benzidine	19.580	184	61948	3.597	ng		98
78) Pyrene	19.745	202	433776	4.650	ng		100
80) Butylbenzylphthalate	20.668	149	146921	3.977	ng		98
81) Benzo(a)anthracene	21.503	228	464557	4.879	ng		98
82) 3,3'-Dichlorobenzidine	21.439	252	130968	4.302	ng		98
83) Chrysene	21.550	228	453159	4.968	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	227039	4.133	ng		98
85) Di-n-octyl phthalate	22.397	149	384747	4.065	ng		99
87) Indeno(1,2,3-cd)pyrene	26.426	276	610882	4.691	ng		100
88) Benzo(b)fluoranthene	23.191	252	499614	4.564	ng		99
89) Benzo(k)fluoranthene	23.238	252	502783	4.787	ng		99
90) Benzo(a)pyrene	23.821	252	441185	4.560	ng		99
91) Dibenzo(a,h)anthracene	26.456	278	508495	4.735	ng		99
92) Benzo(g,h,i)perylene	27.191	276	526443	4.806	ng		99

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

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