Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032301.D
Acq On : 30 Sep 2021 18:52
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Oct 01 01:05:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 19:01:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	294245	20.000	ng		0.00
21) Naphthalene-d8	10.436	136	1246096	20.000	ng	#	0.00
39) Acenaphthene-d10	14.289	164	802283	20.000	ng		0.00
64) Phenanthrene-d10	17.018	188	1653653	20.000	ng	#	0.00
76) Chrysene-d12	21.183	240	1664748	20.000	ng	#	0.00
86) Perylene-d12	23.341	264	1884793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1626049	98.609	ng		0.00
7) Phenol-d6	6.831	99	2432365	96.959	ng		0.00
23) Nitrobenzene-d5	8.801	82	2159857	77.247	ng		0.00
42) 2,4,6-Tribromophenol	15.777	330	864461	135.582	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4741936	77.497	ng		0.00
79) Terphenyl-d14	19.630	244	6383047	62.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.007	88	326618	43.763	ng		90
3) Pyridine	3.419	79	999616	51.369	ng		93
4) n-Nitrosodimethylamine	3.331	42	399906	39.370	ng	#	64
6) Aniline	6.966	93	1382999	49.832	ng		91
8) 2-Chlorophenol	7.213	128	928705	50.423	ng		93
9) Benzaldehyde	6.766	77	662084	40.562	ng		86
10) Phenol	6.860	94	1172158	46.071	ng		80
11) bis(2-Chloroethyl)ether	7.060	93	920395	47.931	ng		94
12) 1,3-Dichlorobenzene	7.537	146	1003626	44.059	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	1020877	44.263	ng		97
14) 1,2-Dichlorobenzene	8.001	146	1001553	44.394	ng		97
15) Benzyl Alcohol	7.884	79	861624	43.654	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1209603	43.755	ng		97
17) 2-Methylphenol	8.107	107	808909	47.485	ng	#	89
18) Hexachloroethane	8.731	117	353564	40.728	ng		93
19) n-Nitroso-di-n-propyla...	8.454	70	707537	38.554	ng	#	84
20) 3+4-Methylphenols	8.437	107	1118171	49.544	ng		94
22) Acetophenone	8.460	105	1452375	40.449	ng	#	88
24) Nitrobenzene	8.842	77	1038086	34.838	ng	#	87
25) Isophorone	9.360	82	1903627	36.658	ng		95
26) 2-Nitrophenol	9.554	139	499103	87.271	ng	#	72
27) 2,4-Dimethylphenol	9.625	122	828786	47.880	ng		92
28) bis(2-Chloroethoxy)met...	9.842	93	1311462	50.431	ng		99
29) 2,4-Dichlorophenol	10.089	162	917129	48.804	ng		95
30) 1,2,4-Trichlorobenzene	10.307	180	973177	38.107	ng		98
31) Naphthalene	10.483	128	2991696	42.924	ng		100
32) Benzoic acid	9.795	122	644053	107.501	ng	#	81
33) 4-Chloroaniline	10.589	127	1323262	49.364	ng	#	94
34) Hexachlorobutadiene	10.789	225	559883	32.664	ng		98
35) Caprolactam	11.354	113	331273	64.177	ng	#	81
36) 4-Chloro-3-methylphenol	11.736	107	1022595	46.388	ng		95
37) 2-Methylnaphthalene	12.101	142	2099605	41.580	ng	#	93
38) 1-Methylnaphthalene	12.319	142	2061520	43.178	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.483	216	1044205	38.900	ng	#	96
41) Hexachlorocyclopentadiene	12.472	237	499759	60.380	ng		97
43) 2,4,6-Trichlorophenol	12.724	196	764092	70.112	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	823832	62.090	ng	#	90
46) 1,1'-Biphenyl	13.119	154	2743604	44.831	ng		99
47) 2-Chloronaphthalene	13.160	162	2116094	42.635	ng		98
48) 2-Nitroaniline	13.360	65	646857	51.327	ng	#	79
49) Acenaphthylene	14.007	152	3411388	45.840	ng		99
50) Dimethylphthalate	13.748	163	2697564	46.306	ng		100
51) 2,6-Dinitrotoluene	13.854	165	571026	48.256	ng	#	66
52) Acenaphthene	14.354	154	2228520	48.188	ng		97
53) 3-Nitroaniline	14.189	138	680539	65.687	ng		86
54) 2,4-Dinitrophenol	14.389	184	346952	103.513	ng	#	61
55) Dibenzofuran	14.689	168	3327648	43.160	ng		92
56) 4-Nitrophenol	14.507	139	583940	100.845	ng	#	66
57) 2,4-Dinitrotoluene	14.642	165	787273	54.206	ng	#	63
58) Fluorene	15.336	166	2422519	39.991	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.918	232	723818	74.634	ng	#	82
60) Diethylphthalate	15.107	149	2657416	46.980	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	1230168	37.808	ng		91
62) 4-Nitroaniline	15.354	138	704695	77.541	ng	#	68
63) Azobenzene	15.618	77	2600632	39.322	ng		84
65) 4,6-Dinitro-2-methylph...	15.413	198	498631	90.210	ng	#	74
66) n-Nitrosodiphenylamine	15.542	169	2302883	42.552	ng		97
67) 4-Bromophenyl-phenylether	16.212	248	791730	40.719	ng		91
68) Hexachlorobenzene	16.348	284	864494	39.319	ng	#	84
69) Atrazine	16.483	200	809341	48.749	ng		94
70) Pentachlorophenol	16.683	266	589891	81.827	ng		98
71) Phenanthrene	17.060	178	4072502	43.049	ng		100
72) Anthracene	17.148	178	4064499	43.951	ng		99
73) Carbazole	17.412	167	4127452	48.595	ng		98
74) Di-n-butylphthalate	17.971	149	4437984	50.270	ng	#	97
75) Fluoranthene	19.065	202	4708753	44.668	ng		96
77) Benzidine	19.248	184	2163170	70.547	ng		99
78) Pyrene	19.430	202	4899098	38.628	ng		98
80) Butylbenzylphthalate	20.318	149	2075938	55.856	ng		92
81) Benzo(a)anthracene	21.171	228	4805268	43.092	ng		97
82) 3,3'-Dichlorobenzidine	21.100	252	1647938	53.677	ng		100
83) Chrysene	21.224	228	4637145	39.176	ng		99
84) Bis(2-ethylhexyl)phtha...	21.089	149	2784055	49.093	ng		94
85) Di-n-octyl phthalate	21.936	149	5163273	53.956	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.500	276	5935938	46.441	ng		95
88) Benzo(b)fluoranthene	22.706	252	5023245	39.837	ng		99
89) Benzo(k)fluoranthene	22.747	252	4930879	36.167	ng		98
90) Benzo(a)pyrene	23.253	252	4369383	37.729	ng		99
91) Dibenzo(a,h)anthracene	25.500	278	4917284	44.619	ng	#	95
92) Benzo(g,h,i)perylene	26.159	276	5192189	47.579	ng	#	95

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

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