Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110221\
Data File : BM032854.D
Acq On : 02 Nov 2021 16:38
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM110221

Quant Time: Nov 02 17:10:09 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	7.490	152	135269	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	593342	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	406663	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	854446	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	788171	20.000	ng		0.00
86) Perylene-d12	23.189	264	814274	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	605935	78.095	ng		0.00
7) Phenol-d6	6.695	99	920593	79.673	ng		0.00
23) Nitrobenzene-d5	8.648	82	883050	81.457	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	371630	81.599	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	2059670	78.555	ng		0.00
79) Terphenyl-d14	19.524	244	2901721	80.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.913	88	125200	42.121	ng		90
3) Pyridine	3.319	79	354858	39.037	ng	#	88
4) n-Nitrosodimethylamine	3.237	42	152255	39.468	ng	#	68
6) Aniline	6.825	93	518616	40.199	ng		93
8) 2-Chlorophenol	7.066	128	360277	39.852	ng		93
9) Benzaldehyde	6.625	77	240863	36.935	ng		87
10) Phenol	6.725	94	442083	39.863	ng		84
11) bis(2-Chloroethyl)ether	6.919	93	347992	39.742	ng		95
12) 1,3-Dichlorobenzene	7.384	146	386527	38.696	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	394864	38.587	ng		98
14) 1,2-Dichlorobenzene	7.848	146	390588	38.787	ng		97
15) Benzyl Alcohol	7.742	79	341561	41.529	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	495553	39.373	ng		97
17) 2-Methylphenol	7.960	107	316613	40.641	ng	#	92
18) Hexachloroethane	8.572	117	144140	39.835	ng		91
19) n-Nitroso-di-n-propyla...	8.307	70	287735	40.672	ng	#	86
20) 3+4-Methylphenols	8.290	107	435805	40.872	ng		96
22) Acetophenone	8.313	105	573254	39.552	ng	#	90
24) Nitrobenzene	8.689	77	422247	40.652	ng	#	90
25) Isophorone	9.213	82	782475	40.847	ng		96
26) 2-Nitrophenol	9.401	139	212193	43.760	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	325293	40.771	ng		97
28) bis(2-Chloroethoxy)met...	9.695	93	513284	40.103	ng		99
29) 2,4-Dichlorophenol	9.936	162	375600	41.048	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	403074	39.635	ng		98
31) Naphthalene	10.325	128	1212062	39.355	ng		100
32) Benzoic acid	9.672	122	288708	44.746	ng	#	82
33) 4-Chloroaniline	10.442	127	519103	40.364	ng		95
34) Hexachlorobutadiene	10.631	225	246363	39.851	ng		97
35) Caprolactam	11.219	113	129118	42.081	ng	#	85
36) 4-Chloro-3-methylphenol	11.589	107	426576	40.753	ng		98
37) 2-Methylnaphthalene	11.942	142	861163	39.784	ng		95
38) 1-Methylnaphthalene	12.172	142	844891	39.465	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.336	216	441809	39.298	ng	#	97
41) Hexachlorocyclopentadiene	12.319	237	253979	43.017	ng		97
43) 2,4,6-Trichlorophenol	12.583	196	327333	41.607	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	354993	40.830	ng	#	92
46) 1,1'-Biphenyl	12.977	154	1172829	39.909	ng		99
47) 2-Chloronaphthalene	13.019	162	894190	39.633	ng		99
48) 2-Nitroaniline	13.230	65	280806	42.359	ng	#	81
49) Acenaphthylene	13.871	152	1453048	40.141	ng		99
50) Dimethylphthalate	13.619	163	1171224	39.583	ng		99
51) 2,6-Dinitrotoluene	13.730	165	249316	41.224	ng	#	68
52) Acenaphthene	14.219	154	854527	39.630	ng		98
53) 3-Nitroaniline	14.066	138	280563	42.626	ng		86
54) 2,4-Dinitrophenol	14.271	184	160996	41.252	ng	#	66
55) Dibenzofuran	14.554	168	1439375	39.763	ng		93
56) 4-Nitrophenol	14.395	139	233642	43.564	ng	#	71
57) 2,4-Dinitrotoluene	14.524	165	347751	42.447	ng	#	62
58) Fluorene	15.207	166	1069789	39.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.795	232	311144	39.920	ng	#	85
60) Diethylphthalate	14.989	149	1189821	40.114	ng		96
61) 4-Chlorophenyl-phenyle...	15.201	204	543968	37.912	ng		94
62) 4-Nitroaniline	15.236	138	293875	42.475	ng	#	74
63) Azobenzene	15.495	77	1156295	40.745	ng		86
65) 4,6-Dinitro-2-methylph...	15.295	198	229833	42.671	ng	#	75
66) n-Nitrosodiphenylamine	15.418	169	984696	39.312	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	354368	40.356	ng		93
68) Hexachlorobenzene	16.218	284	380199	39.504	ng	#	86
69) Atrazine	16.371	200	347259	41.294	ng		96
70) Pentachlorophenol	16.560	266	255883	42.487	ng		97
71) Phenanthrene	16.936	178	1769282	39.052	ng		99
72) Anthracene	17.024	178	1750675	39.149	ng		100
73) Carbazole	17.295	167	1750544	39.283	ng		98
74) Di-n-butylphthalate	17.859	149	2012964	41.192	ng	#	97
75) Fluoranthene	18.948	202	2025039	38.958	ng		97
77) Benzidine	19.136	184	893185	41.351	ng		98
78) Pyrene	19.312	202	2115786	40.069	ng		99
80) Butylbenzylphthalate	20.218	149	924380	43.554	ng		87
81) Benzo(a)anthracene	21.059	228	1978589	39.348	ng		98
82) 3,3'-Dichlorobenzidine	21.000	252	637476	40.380	ng		100
83) Chrysene	21.112	228	1925610	38.979	ng		100
84) Bis(2-ethylhexyl)phtha...	20.995	149	1208562	42.689	ng	#	95
85) Di-n-octyl phthalate	21.830	149	2179966	43.176	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.277	276	1982924	39.402	ng		97
88) Benzo(b)fluoranthene	22.565	252	1873151	37.783	ng		98
89) Benzo(k)fluoranthene	22.606	252	1960735	40.572	ng		99
90) Benzo(a)pyrene	23.100	252	1622094	39.600	ng		99
91) Dibenzo(a,h)anthracene	25.277	278	1658382	39.573	ng	#	95
92) Benzo(g,h,i)perylene	25.912	276	1649137	39.564	ng	#	95

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

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