Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032837.D
Acq On : 01 Nov 2021 17:14
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Nov 01 17:46:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 16:50:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	185923	20.000	ng		0.00
21) Naphthalene-d8	10.284	136	785754	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	504485	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	999017	20.000	ng	#	0.00
76) Chrysene-d12	21.083	240	745494	20.000	ng		0.00
86) Perylene-d12	23.194	264	620863	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1123478	101.814	ng		0.00
7) Phenol-d6	6.713	99	1779836	117.948	ng		0.01
23) Nitrobenzene-d5	8.660	82	1755306	124.245	ng		0.00
42) 2,4,6-Tribromophenol	15.660	330	605524	107.216	ng		0.00
45) 2-Fluorobiphenyl	12.778	172	3536203	104.220	ng		0.00
79) Terphenyl-d14	19.530	244	4206597	118.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	153277	32.641	ng		95
3) Pyridine	3.325	79	507964	39.976	ng		92
4) n-Nitrosodimethylamine	3.243	42	221642	43.492	ng	#	72
6) Aniline	6.837	93	1017138	61.002	ng		95
8) 2-Chlorophenol	7.072	128	699538	58.165	ng		98
9) Benzaldehyde	6.631	77	456602	51.844	ng		91
10) Phenol	6.737	94	864873	59.525	ng		86
11) bis(2-Chloroethyl)ether	6.931	93	691323	59.829	ng		96
12) 1,3-Dichlorobenzene	7.390	146	764734	56.410	ng	#	93
13) 1,4-Dichlorobenzene	7.531	146	782041	56.683	ng		98
14) 1,2-Dichlorobenzene	7.854	146	761788	57.522	ng		97
15) Benzyl Alcohol	7.754	79	678191	65.621	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.037	45	1041954	71.175	ng		97
17) 2-Methylphenol	7.972	107	616502	62.789	ng	#	91
18) Hexachloroethane	8.578	117	298792	63.611	ng		91
19) n-Nitroso-di-n-propyla...	8.319	70	558368	68.058	ng		88
20) 3+4-Methylphenols	8.307	107	820342	61.929	ng	#	84
22) Acetophenone	8.325	105	1091472	57.637	ng	#	91
24) Nitrobenzene	8.701	77	847054	62.165	ng	#	90
25) Isophorone	9.219	82	1536731	65.462	ng		97
26) 2-Nitrophenol	9.407	139	416516	65.697	ng	#	78
27) 2,4-Dimethylphenol	9.489	122	616108	57.604	ng		95
28) bis(2-Chloroethoxy)met...	9.707	93	979431	58.025	ng		99
29) 2,4-Dichlorophenol	9.948	162	706032	59.267	ng		97
30) 1,2,4-Trichlorobenzene	10.154	180	764468	56.574	ng		99
31) Naphthalene	10.331	128	2300704	57.063	ng		99
32) Benzoic acid	9.725	122	551084	74.132	ng	#	84
33) 4-Chloroaniline	10.448	127	990992	59.545	ng		96
34) Hexachlorobutadiene	10.631	225	465641	57.670	ng		98
35) Caprolactam	11.266	113	243665	66.744	ng		90
36) 4-Chloro-3-methylphenol	11.607	107	794453	61.945	ng		98
37) 2-Methylnaphthalene	11.954	142	1603057	58.503	ng		95
38) 1-Methylnaphthalene	12.178	142	1554361	58.051	ng		99
40) 1,2,4,5-Tetrachloroben...	12.342	216	803658	55.303	ng	#	97
41) Hexachlorocyclopentadiene	12.325	237	479595	69.231	ng		99
43) 2,4,6-Trichlorophenol	12.589	196	587987	58.478	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.666	196	638519	59.077	ng	#	92
46) 1,1'-Biphenyl	12.983	154	2094451	56.260	ng		100
47) 2-Chloronaphthalene	13.025	162	1613907	56.531	ng		99
48) 2-Nitroaniline	13.236	65	551062	70.997	ng	#	86
49) Acenaphthylene	13.877	152	2607828	58.834	ng		99
50) Dimethylphthalate	13.630	163	2048561	57.503	ng		100
51) 2,6-Dinitrotoluene	13.742	165	450021	62.361	ng	#	68
52) Acenaphthene	14.230	154	1512736	51.734	ng		99
53) 3-Nitroaniline	14.077	138	506604	62.474	ng		88
54) 2,4-Dinitrophenol	14.277	184	301857	75.383	ng	#	68
55) Dibenzofuran	14.560	168	2494760	56.048	ng		95
56) 4-Nitrophenol	14.407	139	411725	61.571	ng	#	73
57) 2,4-Dinitrotoluene	14.536	165	610604	64.189	ng	#	63
58) Fluorene	15.213	166	1765928	52.166	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.801	232	537649	57.742	ng	#	85
60) Diethylphthalate	14.995	149	2053848	58.725	ng		96
61) 4-Chlorophenyl-phenyle...	15.207	204	889421	50.720	ng		96
62) 4-Nitroaniline	15.248	138	523966	64.744	ng	#	73
63) Azobenzene	15.501	77	2091741	62.828	ng		88
65) 4,6-Dinitro-2-methylph...	15.307	198	405714	72.153	ng	#	78
66) n-Nitrosodiphenylamine	15.424	169	1684801	57.117	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	593872	57.116	ng		94
68) Hexachlorobenzene	16.224	284	639203	55.846	ng	#	88
69) Atrazine	16.377	200	559721	55.717	ng		97
70) Pentachlorophenol	16.565	266	433654	61.385	ng		98
71) Phenanthrene	16.942	178	2907820	55.456	ng		100
72) Anthracene	17.030	178	2910793	56.812	ng		99
73) Carbazole	17.301	167	2869168	56.392	ng		99
74) Di-n-butylphthalate	17.865	149	3327957	60.886	ng	#	98
75) Fluoranthene	18.954	202	3183825	54.756	ng		96
77) Benzidine	19.142	184	1105040	59.671	ng		98
78) Pyrene	19.318	202	3243189	64.156	ng		98
80) Butylbenzylphthalate	20.218	149	1367250	71.208	ng		95
81) Benzo(a)anthracene	21.065	228	2719126	58.353	ng		98
82) 3,3'-Dichlorobenzidine	21.006	252	785713	53.527	ng		99
83) Chrysene	21.118	228	2612402	57.952	ng		100
84) Bis(2-ethylhexyl)phtha...	20.995	149	1697378	65.566	ng		96
85) Di-n-octyl phthalate	21.836	149	2765067	63.691	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.288	276	2188787	57.210	ng		96
88) Benzo(b)fluoranthene	22.571	252	2168408	57.414	ng		98
89) Benzo(k)fluoranthene	22.612	252	2273673	61.626	ng		98
90) Benzo(a)pyrene	23.106	252	1836851	59.974	ng		99
91) Dibenzo(a,h)anthracene	25.288	278	1810297	56.125	ng	#	96
92) Benzo(g,h,i)perylene	25.924	276	1854146	58.147	ng	#	95

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

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