Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031904.D
Acq On : 26 Aug 2021 01:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 26 03:24:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 14:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	41385	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	185992	20.000	ng	0.00
39) Acenaphthene-d10	14.162	164	132728	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	293044	20.000	ng	0.00
76) Chrysene-d12	21.121	240	289149	20.000	ng	# 0.00
86) Perylene-d12	23.256	264	260750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	191474	76.489	ng	0.00
7) Phenol-d6	6.722	99	268633	75.844	ng	0.00
23) Nitrobenzene-d5	8.675	82	318272	74.122	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	120850	77.027	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	722290	71.796	ng	0.00
79) Terphenyl-d14	19.562	244	1327524	66.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	36203	40.363	ng	# 84
3) Pyridine	3.551	79	102884	40.380	ng	# 82
4) n-Nitrosodimethylamine	3.469	42	67049	38.740	ng	# 49
6) Aniline	6.875	93	141346	37.567	ng	99
8) 2-Chlorophenol	7.092	128	109194	37.466	ng	97
9) Benzaldehyde	6.686	77	82260	41.655	ng	99
10) Phenol	6.745	94	132382	37.794	ng	97
11) bis(2-Chloroethyl)ether	6.969	93	96358	37.712	ng	97
12) 1,3-Dichlorobenzene	7.404	146	118548	36.829	ng	99
13) 1,4-Dichlorobenzene	7.557	146	123499	37.445	ng	99
14) 1,2-Dichlorobenzene	7.863	146	118399	36.868	ng	99
15) Benzyl Alcohol	7.775	79	117846	39.003	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.051	45	126672	36.953	ng	96
17) 2-Methylphenol	7.969	107	92852	37.156	ng	96
18) Hexachloroethane	8.569	117	52048	38.095	ng	98
19) n-Nitroso-di-n-propyla...	8.333	70	100700	36.902	ng	98
20) 3+4-Methylphenols	8.298	107	130708	38.019	ng	97
22) Acetophenone	8.345	105	185089	36.609	ng	98
24) Nitrobenzene	8.716	77	159514	36.690	ng	98
25) Isophorone	9.239	82	270536	36.482	ng	97
26) 2-Nitrophenol	9.416	139	65651	37.720	ng	93
27) 2,4-Dimethylphenol	9.480	122	95344	36.399	ng	94
28) bis(2-Chloroethoxy)met...	9.716	93	131916	36.419	ng	99
29) 2,4-Dichlorophenol	9.939	162	115105	37.416	ng	98
30) 1,2,4-Trichlorobenzene	10.145	180	122920	36.420	ng	99
31) Naphthalene	10.327	128	380831	36.641	ng	99
32) Benzoic acid	9.675	122	82956	37.171	ng	99
33) 4-Chloroaniline	10.457	127	154936	37.288	ng	98
34) Hexachlorobutadiene	10.604	225	79481	35.605	ng	96
35) Caprolactam	11.280	113	37278	39.762	ng	95
36) 4-Chloro-3-methylphenol	11.592	107	138514	37.969	ng	98
37) 2-Methylnaphthalene	11.945	142	282684	36.529	ng	99
38) 1-Methylnaphthalene	12.169	142	271208	37.051	ng	96
40) 1,2,4,5-Tetrachloroben...	12.321	216	137651	35.400	ng	99
41) Hexachlorocyclopentadiene	12.292	237	67019	35.348	ng	99
43) 2,4,6-Trichlorophenol	12.580	196	101564	36.376	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	111661	37.008	ng		98
46) 1,1'-Biphenyl	12.986	154	367009	35.728	ng		98
47) 2-Chloronaphthalene	13.021	162	290707	35.945	ng		99
48) 2-Nitroaniline	13.251	65	107225	38.100	ng		95
49) Acenaphthylene	13.880	152	474307	36.457	ng		99
50) Dimethylphthalate	13.639	163	379655	36.083	ng		100
51) 2,6-Dinitrotoluene	13.763	165	86809	37.464	ng		88
52) Acenaphthene	14.227	154	287596	36.309	ng		98
53) 3-Nitroaniline	14.092	138	88211	39.137	ng		97
54) 2,4-Dinitrophenol	14.304	184	54516	41.543	ng		89
55) Dibenzofuran	14.562	168	487339	36.536	ng		99
56) 4-Nitrophenol	14.415	139	75753	42.539	ng		93
57) 2,4-Dinitrotoluene	14.557	165	129697	39.299	ng		95
58) Fluorene	15.215	166	409975	37.484	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	100476	38.144	ng		97
60) Diethylphthalate	15.009	149	430003	37.446	ng		99
61) 4-Chlorophenyl-phenyle...	15.221	204	200358	36.904	ng		94
62) 4-Nitroaniline	15.268	138	91054	41.834	ng		93
63) Azobenzene	15.515	77	474506	37.476	ng		98
65) 4,6-Dinitro-2-methylph...	15.321	198	78834	39.057	ng		93
66) n-Nitrosodiphenylamine	15.439	169	343913	35.212	ng		96
67) 4-Bromophenyl-phenylether	16.115	248	113236	34.596	ng		97
68) Hexachlorobenzene	16.215	284	122182	35.318	ng		98
69) Atrazine	16.409	200	123979	37.656	ng		97
70) Pentachlorophenol	16.568	266	85305	39.261	ng		98
71) Phenanthrene	16.956	178	632668	36.669	ng		99
72) Anthracene	17.051	178	626228	37.107	ng		100
73) Carbazole	17.333	167	620380	38.926	ng		99
74) Di-n-butylphthalate	17.898	149	766670	38.321	ng		100
75) Fluoranthene	18.980	202	772354	40.990	ng		98
77) Benzidine	19.186	184	302564	40.002	ng		98
78) Pyrene	19.345	202	783984	32.420	ng		100
80) Butylbenzylphthalate	20.268	149	367160	35.304	ng		97
81) Benzo(a)anthracene	21.103	228	772391	37.137	ng		99
82) 3,3'-Dichlorobenzidine	21.044	252	244419	40.870	ng		98
83) Chrysene	21.156	228	747475	37.277	ng		99
84) Bis(2-ethylhexyl)phtha...	21.050	149	572526	38.263	ng	#	98
85) Di-n-octyl phthalate	21.903	149	914860	40.574	ng		97
87) Indeno(1,2,3-cd)pyrene	25.379	276	666551	36.943	ng		97
88) Benzo(b)fluoranthene	22.627	252	724417	36.695	ng		98
89) Benzo(k)fluoranthene	22.668	252	705648	37.707	ng		99
90) Benzo(a)pyrene	23.168	252	642503	37.575	ng		99
91) Dibenzo(a,h)anthracene	25.385	278	587071	37.568	ng		99
92) Benzo(g,h,i)perylene	26.015	276	528989	35.800	ng		99

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

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