Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031887.D
Acq On : 25 Aug 2021 11:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Aug 25 12:06:51 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 12:03:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	37096	20.000	ng		0.00
21) Naphthalene-d8	10.280	136	168327	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	119233	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	256147	20.000	ng		0.00
76) Chrysene-d12	21.121	240	210046	20.000	ng		0.00
86) Perylene-d12	23.262	264	159014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	165969	65.817	ng		0.00
7) Phenol-d6	6.722	99	236614	69.860	ng		0.00
23) Nitrobenzene-d5	8.681	82	288239	69.729	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	105584	80.363	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	652127	70.371	ng		0.00
79) Terphenyl-d14	19.568	244	1087947	77.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	31819	38.854	ng	#	88
3) Pyridine	3.551	79	82001	33.222	ng	#	85
4) n-Nitrosodimethylamine	3.475	42	58080	53.912	ng	#	48
6) Aniline	6.875	93	126794	35.175	ng		97
8) 2-Chlorophenol	7.098	128	98377	36.384	ng		90
9) Benzaldehyde	6.692	77	71407	31.895	ng		95
10) Phenol	6.751	94	117182	34.631	ng		96
11) bis(2-Chloroethyl)ether	6.975	93	86002	33.598	ng		97
12) 1,3-Dichlorobenzene	7.410	146	106213	36.302	ng		96
13) 1,4-Dichlorobenzene	7.557	146	108391	36.478	ng		100
14) 1,2-Dichlorobenzene	7.863	146	106289	36.729	ng		99
15) Benzyl Alcohol	7.775	79	104056	37.382	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.051	45	113066	29.556	ng		95
17) 2-Methylphenol	7.975	107	84137	36.935	ng		98
18) Hexachloroethane	8.575	117	45627	36.062	ng		97
19) n-Nitroso-di-n-propyla...	8.334	70	91186	35.764	ng		99
20) 3+4-Methylphenols	8.304	107	118420	37.277	ng		97
22) Acetophenone	8.345	105	167984	34.224	ng		97
24) Nitrobenzene	8.722	77	141440	33.405	ng		96
25) Isophorone	9.239	82	247596	33.383	ng		98
26) 2-Nitrophenol	9.416	139	59467	37.213	ng		91
27) 2,4-Dimethylphenol	9.486	122	88745	36.078	ng		99
28) bis(2-Chloroethoxy)met...	9.722	93	120874	33.529	ng		100
29) 2,4-Dichlorophenol	9.945	162	104287	37.411	ng		98
30) 1,2,4-Trichlorobenzene	10.151	180	111049	37.519	ng		97
31) Naphthalene	10.333	128	340634	35.290	ng		99
32) Benzoic acid	9.669	122	80938	38.819	ng		95
33) 4-Chloroaniline	10.457	127	141322	36.875	ng		98
34) Hexachlorobutadiene	10.604	225	73247	39.595	ng		95
35) Caprolactam	11.274	113	33209	37.647	ng	#	87
36) 4-Chloro-3-methylphenol	11.592	107	124302	37.556	ng		99
37) 2-Methylnaphthalene	11.951	142	257945	37.069	ng		100
38) 1-Methylnaphthalene	12.174	142	244396	37.308	ng		97
40) 1,2,4,5-Tetrachloroben...	12.327	216	125684	36.679	ng		99
41) Hexachlorocyclopentadiene	12.298	237	62631	37.688	ng		98
43) 2,4,6-Trichlorophenol	12.580	196	93214	36.847	ng		96

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44) 2,4,5-Trichlorophenol	12.657	196	100847	37.371	ng		95
46) 1,1'-Biphenyl	12.986	154	332914	34.615	ng		99
47) 2-Chloronaphthalene	13.027	162	261437	35.004	ng		99
48) 2-Nitroaniline	13.251	65	95952	36.919	ng		96
49) Acenaphthylene	13.880	152	428019	35.328	ng		100
50) Dimethylphthalate	13.645	163	346611	35.786	ng		100
51) 2,6-Dinitrotoluene	13.763	165	78278	37.044	ng		91
52) Acenaphthene	14.227	154	259280	35.573	ng		99
53) 3-Nitroaniline	14.098	138	78458	37.928	ng		94
54) 2,4-Dinitrophenol	14.310	184	47227	40.022	ng	#	85
55) Dibenzofuran	14.568	168	440109	36.472	ng		98
56) 4-Nitrophenol	14.415	139	64292	37.740	ng		94
57) 2,4-Dinitrotoluene	14.563	165	113848	38.704	ng		94
58) Fluorene	15.221	166	364326	36.855	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	88265	38.205	ng		97
60) Diethylphthalate	15.015	149	382840	36.300	ng		98
61) 4-Chlorophenyl-phenyle...	15.221	204	181127	38.234	ng		96
62) 4-Nitroaniline	15.268	138	77807	39.542	ng		96
63) Azobenzene	15.515	77	427214	35.136	ng		99
65) 4,6-Dinitro-2-methylph...	15.327	198	67808	38.006	ng		91
66) n-Nitrosodiphenylamine	15.445	169	306137	35.396	ng		98
67) 4-Bromophenyl-phenylether	16.115	248	103445	37.182	ng		99
68) Hexachlorobenzene	16.221	284	107876	36.641	ng		94
69) Atrazine	16.409	200	108426	37.501	ng		97
70) Pentachlorophenol	16.574	266	73846	38.347	ng		97
71) Phenanthrene	16.962	178	552811	35.834	ng		99
72) Anthracene	17.051	178	543711	35.825	ng		99
73) Carbazole	17.333	167	521686	35.737	ng		99
74) Di-n-butylphthalate	17.903	149	676707	34.797	ng		100
75) Fluoranthene	18.986	202	630540	36.771	ng		98
77) Benzidine	19.192	184	230792	40.986	ng		98
78) Pyrene	19.350	202	639210	37.979	ng		100
80) Butylbenzylphthalate	20.274	149	293604	35.386	ng		98
81) Benzo(a)anthracene	21.109	228	559957	36.363	ng		99
82) 3,3'-Dichlorobenzidine	21.050	252	164402	36.065	ng		96
83) Chrysene	21.156	228	536559	36.204	ng		100
84) Bis(2-ethylhexyl)phtha...	21.050	149	433182	33.550	ng		100
85) Di-n-octyl phthalate	21.909	149	626020	30.305	ng		97
87) Indeno(1,2,3-cd)pyrene	25.379	276	374488	30.337	ng		97
88) Benzo(b)fluoranthene	22.627	252	456210	38.953	ng		99
89) Benzo(k)fluoranthene	22.674	252	428769	38.041	ng		98
90) Benzo(a)pyrene	23.168	252	382979	36.422	ng		98
91) Dibenzo(a,h)anthracene	25.391	278	325069	30.162	ng		99
92) Benzo(g,h,i)perylene	26.021	276	304038	30.310	ng		98

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

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