Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
Data File : BM031923.D
Acq On : 27 Aug 2021 11:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 27 14:20:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 14:24:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.511	152	73879	20.000	ng		-0.01
21) Naphthalene-d8	10.269	136	325453	20.000	ng		0.00
39) Acenaphthene-d10	14.151	164	216072	20.000	ng		0.00
64) Phenanthrene-d10	16.910	188	437829	20.000	ng		0.00
76) Chrysene-d12	21.121	240	347749	20.000	ng		0.00
86) Perylene-d12	23.262	264	276386	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	355924	76.949	ng		-0.01
7) Phenol-d6	6.711	99	518090	78.115	ng		0.00
23) Nitrobenzene-d5	8.669	82	554090	77.012	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	189014	81.036	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	1208132	75.618	ng		0.00
79) Terphenyl-d14	19.563	244	1786574	82.590	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	70525	38.387	ng		91
3) Pyridine	3.546	79	191543	39.706	ng		93
4) n-Nitrosodimethylamine	3.464	42	98379	37.918	ng	#	65
6) Aniline	6.864	93	276515	39.012	ng		94
8) 2-Chlorophenol	7.087	128	207645	38.762	ng		95
9) Benzaldehyde	6.681	77	148844	42.006	ng		91
10) Phenol	6.740	94	256566	38.992	ng		90
11) bis(2-Chloroethyl)ether	6.964	93	195277	38.885	ng		96
12) 1,3-Dichlorobenzene	7.399	146	218552	38.462	ng		95
13) 1,4-Dichlorobenzene	7.546	146	222450	38.149	ng		99
14) 1,2-Dichlorobenzene	7.858	146	214195	37.969	ng		98
15) Benzyl Alcohol	7.763	79	201868	40.368	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.034	45	267558	38.804	ng		98
17) 2-Methylphenol	7.963	107	175680	39.441	ng		95
18) Hexachloroethane	8.563	117	87186	38.311	ng		97
19) n-Nitroso-di-n-propyla...	8.322	70	192532	40.967	ng		90
20) 3+4-Methylphenols	8.293	107	245524	39.904	ng		97
22) Acetophenone	8.334	105	342319	38.716	ng		92
24) Nitrobenzene	8.710	77	279175	38.169	ng		93
25) Isophorone	9.228	82	504433	39.841	ng		98
26) 2-Nitrophenol	9.405	139	119948	39.629	ng	#	84
27) 2,4-Dimethylphenol	9.475	122	179915	38.923	ng		98
28) bis(2-Chloroethoxy)met...	9.710	93	263130	39.521	ng		99
29) 2,4-Dichlorophenol	9.934	162	205165	39.549	ng		96
30) 1,2,4-Trichlorobenzene	10.140	180	215306	38.029	ng		98
31) Naphthalene	10.322	128	684298	37.973	ng		99
32) Benzoic acid	9.663	122	167490	45.136	ng		88
33) 4-Chloroaniline	10.452	127	289409	39.487	ng		96
34) Hexachlorobutadiene	10.593	225	130051	37.907	ng		97
35) Caprolactam	11.269	113	68576	42.164	ng	#	85
36) 4-Chloro-3-methylphenol	11.581	107	244016	40.200	ng		98
37) 2-Methylnaphthalene	11.940	142	510695	39.096	ng		96
38) 1-Methylnaphthalene	12.163	142	482747	38.722	ng		99
40) 1,2,4,5-Tetrachloroben...	12.316	216	235253	37.713	ng		98
41) Hexachlorocyclopentadiene	12.287	237	116474	40.300	ng		96
43) 2,4,6-Trichlorophenol	12.575	196	174233	39.273	ng		96

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44) 2,4,5-Trichlorophenol	12.646	196	187904	38.989	ng		96
46) 1,1'-Biphenyl	12.981	154	638091	37.710	ng		99
47) 2-Chloronaphthalene	13.016	162	500867	37.556	ng		99
48) 2-Nitroaniline	13.245	65	169512	39.768	ng	#	86
49) Acenaphthylene	13.875	152	803058	38.113	ng		98
50) Dimethylphthalate	13.634	163	651074	38.994	ng		100
51) 2,6-Dinitrotoluene	13.757	165	147560	39.394	ng	#	77
52) Acenaphthene	14.222	154	491892	38.078	ng		97
53) 3-Nitroaniline	14.087	138	149343	40.541	ng		94
54) 2,4-Dinitrophenol	14.304	184	89299	42.715	ng	#	75
55) Dibenzofuran	14.557	168	804159	38.290	ng		98
56) 4-Nitrophenol	14.410	139	124998	42.397	ng	#	82
57) 2,4-Dinitrotoluene	14.551	165	207379	40.759	ng		86
58) Fluorene	15.210	166	659448	38.802	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.792	232	160557	39.348	ng		94
60) Diethylphthalate	15.010	149	697728	39.918	ng		98
61) 4-Chlorophenyl-phenyle...	15.216	204	314243	38.358	ng		97
62) 4-Nitroaniline	15.263	138	146742	40.709	ng	#	84
63) Azobenzene	15.510	77	749546	38.879	ng		92
65) 4,6-Dinitro-2-methylph...	15.316	198	125344	42.918	ng		90
66) n-Nitrosodiphenylamine	15.439	169	565078	38.328	ng		97
67) 4-Bromophenyl-phenylether	16.110	248	182860	39.245	ng		97
68) Hexachlorobenzene	16.210	284	192050	38.568	ng		96
69) Atrazine	16.404	200	191666	41.627	ng		96
70) Pentachlorophenol	16.563	266	129448	41.579	ng		98
71) Phenanthrene	16.951	178	985437	37.893	ng		99
72) Anthracene	17.045	178	977297	38.554	ng		99
73) Carbazole	17.328	167	936764	38.457	ng		99
74) Di-n-butylphthalate	17.898	149	1237647	42.315	ng		98
75) Fluoranthene	18.980	202	1088261	38.451	ng		98
77) Benzidine	19.186	184	422074	49.456	ng		98
78) Pyrene	19.345	202	1117765	40.438	ng		99
80) Butylbenzylphthalate	20.269	149	509187	43.352	ng		99
81) Benzo(a)anthracene	21.104	228	951239	38.401	ng		100
82) 3,3'-Dichlorobenzidine	21.051	252	277640	40.459	ng		100
83) Chrysene	21.157	228	909776	37.703	ng		99
84) Bis(2-ethylhexyl)phtha...	21.051	149	755883	44.551	ng		99
85) Di-n-octyl phthalate	21.910	149	1132314	42.247	ng		95
87) Indeno(1,2,3-cd)pyrene	25.374	276	754724	39.254	ng		96
88) Benzo(b)fluoranthene	22.627	252	803675	39.302	ng		98
89) Benzo(k)fluoranthene	22.674	252	749248	38.273	ng		99
90) Benzo(a)pyrene	23.174	252	695677	38.775	ng		98
91) Dibenzo(a,h)anthracene	25.386	278	656354	39.362	ng	#	96
92) Benzo(g,h,i)perylene	26.021	276	608377	38.736	ng	#	96

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

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