Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027174.D
Acq On : 21 Aug 2020 17:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 24 10:42:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 10:33:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	66239	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	266932	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	220820	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	571420	20.00	ng		0.00
76) Chrysene-d12	21.20	240	734437	20.00	ng		0.00
86) Perylene-d12	23.38	264	763587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	251213	73.93	ng		0.00
7) Phenol-d6	6.80	99	356567	76.43	ng		0.00
23) Nitrobenzene-d5	8.76	82	470715	72.75	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	295818	82.73	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1180608	70.23	ng		0.00
79) Terphenyl-d14	19.64	244	2898819	73.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	51717	31.850	ng		98
3) Pyridine	3.59	79	154161	33.820	ng		97
4) n-Nitrosodimethylamine	3.50	42	73285	36.855	ng		91
6) Aniline	6.95	93	202622	38.232	ng		96
8) 2-Chlorophenol	7.19	128	139825	39.544	ng		96
9) Benzaldehyde	6.76	77	116218	36.384	ng		96
10) Phenol	6.82	94	168235	37.839	ng		96
11) bis(2-Chloroethyl)ether	7.05	93	140510	38.663	ng		94
12) 1,3-Dichlorobenzene	7.50	146	185521	37.489	ng		97
13) 1,4-Dichlorobenzene	7.65	146	184742	37.000	ng		100
14) 1,2-Dichlorobenzene	7.96	146	178585	37.712	ng		97
15) Benzyl Alcohol	7.85	79	169227	39.908	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	109716	37.630	ng		99
17) 2-Methylphenol	8.06	107	120606	39.204	ng		98
18) Hexachloroethane	8.69	117	82325	40.629	ng		92
19) n-Nitroso-di-n-propylamine	8.42	70	147865	41.292	ng		97
20) 3+4-Methylphenols	8.38	107	164700	40.009	ng		97
22) Acetophenone	8.43	105	262411	36.578	ng	#	98
24) Nitrobenzene	8.80	77	237898	36.327	ng		97
25) Isophorone	9.33	82	351373	37.078	ng		99
26) 2-Nitrophenol	9.50	139	79476	38.881	ng		95
27) 2,4-Dimethylphenol	9.57	122	117772	37.108	ng		98
28) bis(2-Chloroethoxy)methane	9.81	93	223393	38.630	ng		99
29) 2,4-Dichlorophenol	10.04	162	175757	39.708	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	218973	37.685	ng		98
31) Naphthalene	10.43	128	509462	37.656	ng		99
32) Benzoic acid	9.71	122	94690	36.965	ng		97
33) 4-Chloroaniline	10.55	127	226181	40.467	ng		99
34) Hexachlorobutadiene	10.73	225	162210	42.026	ng		97
35) Caprolactam	11.32	113	51794	43.167	ng		98
36) 4-Chloro-3-methylphenol	11.67	107	192667	42.110	ng		100
37) 2-Methylnaphthalene	12.06	142	406850	39.710	ng		98
38) 1-Methylnaphthalene	12.27	142	394456	40.006	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	266909	34.321	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	154841	36.022	ng	98
43) 2,4,6-Trichlorophenol	12.67	196	174278	36.293	ng	97
44) 2,4,5-Trichlorophenol	12.75	196	183744	36.084	ng	98
46) 1,1'-Biphenyl	13.08	154	583743	35.270	ng	99
47) 2-Chloronaphthalene	13.12	162	498546	35.330	ng	99
48) 2-Nitroaniline	13.32	65	172756	38.360	ng	99
49) Acenaphthylene	13.97	152	735389	37.474	ng	100
50) Dimethylphthalate	13.72	163	667472	37.231	ng	99
51) 2,6-Dinitrotoluene	13.83	165	137541	38.583	ng	100
52) Acenaphthene	14.32	154	468837	37.635	ng	98
53) 3-Nitroaniline	14.15	138	138711	40.346	ng	99
54) 2,4-Dinitrophenol	14.36	184	77420	41.597	ng	96
55) Dibenzofuran	14.65	168	795169	38.317	ng	99
56) 4-Nitrophenol	14.47	139	113893	41.511	ng	95
57) 2,4-Dinitrotoluene	14.62	165	201610	40.708	ng	99
58) Fluorene	15.30	166	678572	39.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	194300	38.953	ng	98
60) Diethylphthalate	15.09	149	712825	40.079	ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	379928	38.611	ng	97
62) 4-Nitroaniline	15.32	138	165176	42.813	ng	98
63) Azobenzene	15.60	77	742338	40.682	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	105093	37.448	ng	96
66) n-Nitrosodiphenylamine	15.52	169	590601	36.391	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	254192	36.844	ng	98
68) Hexachlorobenzene	16.31	284	300274	36.649	ng	97
69) Atrazine	16.47	200	233187	37.951	ng	98
70) Pentachlorophenol	16.65	266	174599	39.399	ng	98
71) Phenanthrene	17.04	178	1194949	37.617	ng	100
72) Anthracene	17.13	178	1166950	38.428	ng	100
73) Carbazole	17.40	167	1084689	38.833	ng	99
74) Di-n-butylphthalate	17.98	149	1346794	41.747	ng	100
75) Fluoranthene	19.06	202	1538393	38.769	ng	100
77) Benzidine	19.24	184	646029	50.711	ng	100
78) Pyrene	19.42	202	1630382	36.482	ng	99
80) Butylbenzylphthalate	20.34	149	669563	40.991	ng	98
81) Benzo(a)anthracene	21.18	228	1789930	37.610	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	660882	39.847	ng	99
83) Chrysene	21.23	228	1721678	37.249	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	976765	42.015	ng	99
85) Di-n-octyl phthalate	22.00	149	1667095	43.464	ng	99
87) Indeno(1,2,3-cd)pyrene	25.57	276	2133898	35.705	ng	100
88) Benzo(b)fluoranthene	22.73	252	1957815	38.450	ng	99
89) Benzo(k)fluoranthene	22.77	252	1808005	36.267	ng	99
90) Benzo(a)pyrene	23.29	252	1749214	37.631	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1775868	35.703	ng	98
92) Benzo(g,h,i)perylene	26.24	276	1702225	35.522	ng	99

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

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