Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026628.D
Acq On : 01 Jul 2020 09:23
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:53 AM

Quant Time: Jul 01 13:27:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:20:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	98774	20.00	ng		0.00
21) Naphthalene-d8	10.11	136	406733	20.00	ng		0.00
39) Acenaphthene-d10	14.02	164	242857	20.00	ng		0.00
64) Phenanthrene-d10	16.77	188	454163	20.00	ng		0.00
76) Chrysene-d12	20.99	240	413223	20.00	ng		0.00
86) Perylene-d12	23.07	264	409066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	477198	85.42	ng		0.00
7) Phenol-d6	6.56	99	689935	85.28	ng		0.00
23) Nitrobenzene-d5	8.50	82	757315	91.42	ng		0.00
42) 2,4,6-Tribromophenol	15.52	330	244770	83.20	ng		0.00
45) 2-Fluorobiphenyl	12.62	172	1500619	93.80	ng		0.00
79) Terphenyl-d14	19.43	244	1871941	87.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	114946	45.636	ng		92
3) Pyridine	3.36	79	321520m	43.460	ng		
4) n-Nitrosodimethylamine	3.28	42	182245	49.754	ng		81
6) Aniline	6.70	93	447808	42.202	ng		95
8) 2-Chlorophenol	6.93	128	278357	43.197	ng		97
9) Benzaldehyde	6.52	77	166338	32.246	ng		94
10) Phenol	6.59	94	367633	42.672	ng		94
11) bis(2-Chloroethyl)ether	6.80	93	295731	42.617	ng		97
12) 1,3-Dichlorobenzene	7.25	146	309390	43.367	ng		98
13) 1,4-Dichlorobenzene	7.39	146	315349	43.395	ng		99
14) 1,2-Dichlorobenzene	7.70	146	309704	43.629	ng		99
15) Benzyl Alcohol	7.61	79	293378	42.707	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.90	45	596117	45.998	ng		99
17) 2-Methylphenol	7.82	107	267908	42.547	ng		98
18) Hexachloroethane	8.41	117	123956	45.040	ng		98
19) n-Nitroso-di-n-propylamine	8.17	70	281173	44.602	ng		93
20) 3+4-Methylphenols	8.15	107	367323	42.801	ng		97
22) Acetophenone	8.17	105	473128	45.238	ng	#	92
24) Nitrobenzene	8.55	77	390384	45.018	ng		99
25) Isophorone	9.07	82	703428	45.200	ng		99
26) 2-Nitrophenol	9.25	139	152604	44.466	ng	#	87
27) 2,4-Dimethylphenol	9.33	122	238727	44.063	ng		95
28) bis(2-Chloroethoxy)methane	9.56	93	385727	43.687	ng		100
29) 2,4-Dichlorophenol	9.78	162	267225	44.954	ng		97
30) 1,2,4-Trichlorobenzene	9.99	180	295067	45.267	ng		98
31) Naphthalene	10.16	128	891009	43.471	ng		99
32) Benzoic acid	9.52	122	181990	42.443	ng		95
33) 4-Chloroaniline	10.29	127	378576	42.348	ng		97
34) Hexachlorobutadiene	10.45	225	191504	46.537	ng		99
35) Caprolactam	11.09	113	86223	41.286	ng	#	83
36) 4-Chloro-3-methylphenol	11.43	107	315056	43.496	ng		99
37) 2-Methylnaphthalene	11.79	142	636935	43.608	ng		99
38) 1-Methylnaphthalene	12.01	142	601127	43.446	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.17	216	326607	47.245	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.15	237	161055	39.533	ng		99
43) 2,4,6-Trichlorophenol	12.43	196	216472	46.263	ng		98
44) 2,4,5-Trichlorophenol	12.50	196	246314	45.350	ng		99
46) 1,1'-Biphenyl	12.83	154	779509	45.782	ng		99
47) 2-Chloronaphthalene	12.87	162	631497	45.662	ng		99
48) 2-Nitroaniline	13.09	65	251870	45.953	ng		92
49) Acenaphthylene	13.73	152	977583	44.195	ng		99
50) Dimethylphthalate	13.50	163	778436	43.823	ng		99
51) 2,6-Dinitrotoluene	13.61	165	169337	43.444	ng		93
52) Acenaphthene	14.08	154	588779	44.338	ng		100
53) 3-Nitroaniline	13.94	138	176916	40.759	ng		98
54) 2,4-Dinitrophenol	14.16	184	93180	39.333	ng		96
55) Dibenzofuran	14.42	168	938906	43.883	ng		99
56) 4-Nitrophenol	14.27	139	125765	36.538	ng		91
57) 2,4-Dinitrotoluene	14.42	165	230566	42.542	ng	#	84
58) Fluorene	15.07	166	748448	43.067	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.66	232	196881	42.379	ng		99
60) Diethylphthalate	14.88	149	773094	42.729	ng		100
61) 4-Chlorophenyl-phenylether	15.08	204	408768	44.344	ng		99
62) 4-Nitroaniline	15.12	138	169234m	36.560	ng		
63) Azobenzene	15.37	77	879874	44.448	ng		97
65) 4,6-Dinitro-2-methylphenol	15.19	198	124426	45.053	ng		94
66) n-Nitrosodiphenylamine	15.30	169	635547	48.306	ng		99
67) 4-Bromophenyl-phenylether	15.97	248	241285	48.261	ng		98
68) Hexachlorobenzene	16.09	284	245664	47.090	ng		97
69) Atrazine	16.27	200	159494	40.577	ng		99
70) Pentachlorophenol	16.43	266	134931	42.949	ng		99
71) Phenanthrene	16.82	178	1061217	44.870	ng		99
72) Anthracene	16.90	178	1063001	45.034	ng		100
73) Carbazole	17.19	167	964514	43.089	ng		99
74) Di-n-butylphthalate	17.77	149	1182742	44.805	ng		99
75) Fluoranthene	18.84	202	1129752	41.665	ng		98
77) Benzidine	19.05	184	340038	39.616	ng		99
78) Pyrene	19.21	202	1151411	42.172	ng		100
80) Butylbenzylphthalate	20.15	149	484439	43.876	ng		98
81) Benzo(a)anthracene	20.97	228	1096102	44.191	ng		100
82) 3,3'-Dichlorobenzidine	20.92	252	369815	48.192	ng		98
83) Chrysene	21.03	228	1067821	45.176	ng		100
84) Bis(2-ethylhexyl)phthalate	20.94	149	711926	45.222	ng		100
85) Di-n-octyl phthalate	21.79	149	1197893	49.325	ng		97
87) Indeno(1,2,3-cd)pyrene	25.10	276	1250694	52.854	ng		99
88) Benzo(b)fluoranthene	22.46	252	1132092	46.006	ng		100
89) Benzo(k)fluoranthene	22.50	252	1039381	43.476	ng		99
90) Benzo(a)pyrene	22.98	252	1012416	46.323	ng		99
91) Dibenzo(a,h)anthracene	25.10	278	1045927	52.945	ng		99
92) Benzo(g,h,i)perylene	25.70	276	994634	52.910	ng		99

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

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