Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026848.D
Acq On : 23 Jul 2020 13:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 24 03:52:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	64401	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	231064	20.00	ng		-0.02
39) Acenaphthene-d10	13.94	164	135272	20.00	ng		-0.02
64) Phenanthrene-d10	16.71	188	278392	20.00	ng		-0.02
76) Chrysene-d12	20.94	240	300884	20.00	ng		0.00
86) Perylene-d12	23.00	264	318795	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	317490	82.63	ng		-0.02
7) Phenol-d6	6.49	99	460758	75.27	ng		-0.02
23) Nitrobenzene-d5	8.42	82	461663	85.24	ng		-0.02
42) 2,4,6-Tribromophenol	15.46	330	151998	77.14	ng		-0.01
45) 2-Fluorobiphenyl	12.55	172	858293	84.36	ng		-0.02
79) Terphenyl-d14	19.38	244	1305962	85.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	73980	40.072	ng		98
3) Pyridine	3.28	79	204180	38.668	ng		99
4) n-Nitrosodimethylamine	3.20	42	117082	37.045	ng		100
6) Aniline	6.62	93	273463	36.395	ng		98
8) 2-Chlorophenol	6.85	128	176510	38.565	ng		98
9) Benzaldehyde	6.44	77	130893	38.525	ng		99
10) Phenol	6.52	94	228499	37.766	ng		99
11) bis(2-Chloroethyl)ether	6.73	93	184283	36.427	ng		97
12) 1,3-Dichlorobenzene	7.16	146	198108	39.820	ng		98
13) 1,4-Dichlorobenzene	7.31	146	202384	39.965	ng		98
14) 1,2-Dichlorobenzene	7.62	146	193051	38.269	ng		98
15) Benzyl Alcohol	7.53	79	181913	34.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	365619	35.016	ng		99
17) 2-Methylphenol	7.74	107	164723	35.824	ng		98
18) Hexachloroethane	8.32	117	78912	39.235	ng		94
19) n-Nitroso-di-n-propylamine	8.09	70	166997	32.785	ng		96
20) 3+4-Methylphenols	8.07	107	219287	34.689	ng		99
22) Acetophenone	8.10	105	274713	41.838	ng	#	97
24) Nitrobenzene	8.47	77	238298	41.823	ng		99
25) Isophorone	8.99	82	412996	39.766	ng		100
26) 2-Nitrophenol	9.17	139	93585	44.502	ng		96
27) 2,4-Dimethylphenol	9.25	122	140344	41.041	ng		98
28) bis(2-Chloroethoxy)methane	9.48	93	225236	39.256	ng		99
29) 2,4-Dichlorophenol	9.70	162	156814	41.640	ng		97
30) 1,2,4-Trichlorobenzene	9.90	180	178278	42.434	ng		99
31) Naphthalene	10.08	128	524334	40.799	ng		99
32) Benzoic acid	9.43	122	115011	40.114	ng		95
33) 4-Chloroaniline	10.21	127	217006	38.600	ng		99
34) Hexachlorobutadiene	10.37	225	118037	42.422	ng		99
35) Caprolactam	11.00	113	50777	38.063	ng		98
36) 4-Chloro-3-methylphenol	11.36	107	181165	38.064	ng		98
37) 2-Methylnaphthalene	11.71	142	367415	38.594	ng		98
38) 1-Methylnaphthalene	11.93	142	345359	37.865	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.10	216	191441	43.779	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.07	237	85669	38.338	ng	98
43) 2,4,6-Trichlorophenol	12.35	196	125511	43.815	ng	98
44) 2,4,5-Trichlorophenol	12.43	196	142523	42.340	ng	99
46) 1,1'-Biphenyl	12.76	154	449079	42.028	ng	98
47) 2-Chloronaphthalene	12.80	162	365800	42.379	ng	98
48) 2-Nitroaniline	13.02	65	150814	42.456	ng	97
49) Acenaphthylene	13.66	152	570351	41.333	ng	100
50) Dimethylphthalate	13.43	163	452851	39.139	ng	100
51) 2,6-Dinitrotoluene	13.55	165	97987	39.549	ng	99
52) Acenaphthene	14.01	154	340526	40.606	ng	98
53) 3-Nitroaniline	13.88	138	104242	40.442	ng	98
54) 2,4-Dinitrophenol	14.10	184	82170	50.382	ng	95
55) Dibenzofuran	14.35	168	539360	39.225	ng	99
56) 4-Nitrophenol	14.22	139	75392	35.824	ng	99
57) 2,4-Dinitrotoluene	14.35	165	141574	39.591	ng	99
58) Fluorene	15.01	166	441494	38.780	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.59	232	115892	39.424	ng	98
60) Diethylphthalate	14.81	149	470180	38.430	ng	98
61) 4-Chlorophenyl-phenylether	15.01	204	237072	38.435	ng	97
62) 4-Nitroaniline	15.05	138	104271m	35.496	ng	
63) Azobenzene	15.31	77	516351	38.425	ng	98
65) 4,6-Dinitro-2-methylphenol	15.12	198	71762	36.359	ng	91
66) n-Nitrosodiphenylamine	15.24	169	378073	42.735	ng	98
67) 4-Bromophenyl-phenylether	15.91	248	142842	41.222	ng	98
68) Hexachlorobenzene	16.02	284	151497	41.540	ng	99
69) Atrazine	16.21	200	86851	32.647	ng	99
70) Pentachlorophenol	16.38	266	82200	39.841	ng	100
71) Phenanthrene	16.75	178	673584	40.985	ng	99
72) Anthracene	16.84	178	673004	41.135	ng	98
73) Carbazole	17.12	167	635680	40.754	ng	99
74) Di-n-butylphthalate	17.71	149	794122	40.489	ng	100
75) Fluoranthene	18.78	202	796172	39.332	ng	99
77) Benzidine	18.99	184	249647	42.085	ng	100
78) Pyrene	19.15	202	824353	43.492	ng	100
80) Butylbenzylphthalate	20.09	149	379771	44.649	ng	100
81) Benzo(a)anthracene	20.92	228	840754	41.599	ng	99
82) 3,3'-Dichlorobenzidine	20.87	252	294429	45.899	ng	100
83) Chrysene	20.98	228	811728	41.264	ng	99
84) Bis(2-ethylhexyl)phthalate	20.89	149	566192	41.552	ng	99
85) Di-n-octyl phthalate	21.74	149	1003739	43.097	ng	98
87) Indeno(1,2,3-cd)pyrene	24.99	276	1050053	46.268	ng	99
88) Benzo(b)fluoranthene	22.40	252	889707	42.356	ng	99
89) Benzo(k)fluoranthene	22.44	252	820017	39.799	ng	98
90) Benzo(a)pyrene	22.91	252	810285	41.553	ng	99
91) Dibenzo(a,h)anthracene	25.00	278	876330	45.740	ng	99
92) Benzo(g,h,i)perylene	25.59	276	834728	47.287	ng	98

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

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