Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029329.D
Acq On : 02 Apr 2021 21:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 03 00:55:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	110446	20.00	ng		0.00
21) Naphthalene-d8	10.480	136	402184	20.00	ng		0.00
39) Acenaphthene-d10	14.333	164	232655	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	443653	20.00	ng		0.00
76) Chrysene-d12	21.244	240	452119	20.00	ng		0.00
86) Perylene-d12	23.456	264	479669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	537124	80.30	ng		0.00
7) Phenol-d6	6.875	99	744658	78.85	ng		0.00
23) Nitrobenzene-d5	8.851	82	715028	81.51	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	196914	84.68	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1357885	81.31	ng		0.00
79) Terphenyl-d14	19.697	244	1859987	78.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	118350	40.71	ng		98
3) Pyridine	3.628	79	316181	43.03	ng		97
4) n-Nitrosodimethylamine	3.540	42	151981	43.36	ng		94
6) Aniline	7.034	93	403296	39.12	ng		99
8) 2-Chlorophenol	7.263	128	291162	39.33	ng		98
9) Benzaldehyde	6.845	77	229991	38.70	ng		97
10) Phenol	6.898	94	367500	39.57	ng		97
11) bis(2-Chloroethyl)ether	7.128	93	271705	38.64	ng		98
12) 1,3-Dichlorobenzene	7.586	146	320875	39.82	ng		100
13) 1,4-Dichlorobenzene	7.734	146	324498	39.58	ng		100
14) 1,2-Dichlorobenzene	8.051	146	310420	39.37	ng		99
15) Benzyl Alcohol	7.939	79	273275	39.25	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.233	45	408405	38.75	ng		99
17) 2-Methylphenol	8.139	107	237391	39.24	ng		99
18) Hexachloroethane	8.769	117	127170	39.67	ng		95
19) n-Nitroso-di-n-propyla...	8.504	70	244677	38.32	ng		99
20) 3+4-Methylphenols	8.469	107	316713	38.61	ng		99
22) Acetophenone	8.516	105	420511	40.43	ng	#	99
24) Nitrobenzene	8.892	77	366017	40.66	ng		99
25) Isophorone	9.416	82	617911	39.37	ng		98
26) 2-Nitrophenol	9.598	139	145276	40.39	ng		94
27) 2,4-Dimethylphenol	9.663	122	227126	40.22	ng		99
28) bis(2-Chloroethoxy)met...	9.898	93	320382	39.50	ng		99
29) 2,4-Dichlorophenol	10.127	162	254689	40.73	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	270706	40.06	ng		99
31) Naphthalene	10.527	128	856658	40.42	ng		99
32) Benzoic acid	9.792	122	167498	39.26	ng		91
33) 4-Chloroaniline	10.639	127	342094	40.05	ng		99
34) Hexachlorobutadiene	10.816	225	160164	40.25	ng		96
35) Caprolactam	11.422	113	79256	40.32	ng		96
36) 4-Chloro-3-methylphenol	11.769	107	267183	39.68	ng		95
37) 2-Methylnaphthalene	12.145	142	596660	39.94	ng		100
38) 1-Methylnaphthalene	12.363	142	558277	39.50	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	265188	40.64	ng		99
41) Hexachlorocyclopentadiene	12.498	237	143903	38.01	ng		96
43) 2,4,6-Trichlorophenol	12.757	196	188588	40.72	ng		98

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44) 2,4,5-Trichlorophenol	12.827	196	199162	39.88	ng	94
46) 1,1'-Biphenyl	13.168	154	726062	40.31	ng	98
47) 2-Chloronaphthalene	13.204	162	564667	40.53	ng	99
48) 2-Nitroaniline	13.410	65	191987	41.31	ng	99
49) Acenaphthylene	14.051	152	889143	40.91	ng	99
50) Dimethylphthalate	13.798	163	662540	39.44	ng	100
51) 2,6-Dinitrotoluene	13.910	165	150845	40.33	ng	92
52) Acenaphthene	14.398	154	539448	40.15	ng	98
53) 3-Nitroaniline	14.239	138	157254	41.20	ng	98
54) 2,4-Dinitrophenol	14.445	184	77701	39.48	ng	97
55) Dibenzofuran	14.733	168	846957	40.19	ng	100
56) 4-Nitrophenol	14.545	139	138056	42.46	ng	99
57) 2,4-Dinitrotoluene	14.698	165	202318	40.85	ng	98
58) Fluorene	15.380	166	698564	40.42	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	163880	42.66	ng	96
60) Diethylphthalate	15.162	149	674952	39.33	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	315227	39.83	ng	97
62) 4-Nitroaniline	15.404	138	167228	41.66	ng	96
63) Azobenzene	15.668	77	801359	40.58	ng	98
65) 4,6-Dinitro-2-methylph...	15.457	198	110501	38.97	ng	99
66) n-Nitrosodiphenylamine	15.592	169	591522	40.32	ng	100
67) 4-Bromophenyl-phenylether	16.268	248	175667	39.85	ng	97
68) Hexachlorobenzene	16.380	284	196045	40.50	ng	94
69) Atrazine	16.545	200	198455	40.59	ng	100
70) Pentachlorophenol	16.727	266	127939	49.44	ng	100
71) Phenanthrene	17.115	178	1035589	40.36	ng	99
72) Anthracene	17.203	178	1036190	40.90	ng	100
73) Carbazole	17.474	167	1017933	41.14	ng	99
74) Di-n-butylphthalate	18.045	149	1157527	40.81	ng	99
75) Fluoranthene	19.127	202	1163658	40.71	ng	99
77) Benzidine	19.315	184	514524	35.09	ng	99
78) Pyrene	19.492	202	1219409	38.81	ng	99
80) Butylbenzylphthalate	20.397	149	548311	38.76	ng	97
81) Benzo(a)anthracene	21.233	228	1199798	39.76	ng	99
82) 3,3'-Dichlorobenzidine	21.168	252	393667	38.84	ng	99
83) Chrysene	21.286	228	1164728	39.43	ng	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	841813	38.68	ng	99
85) Di-n-octyl phthalate	22.038	149	1441808	38.60	ng	99
87) Indeno(1,2,3-cd)pyrene	25.685	276	1455403	41.16	ng	99
88) Benzo(b)fluoranthene	22.791	252	1252537	39.76	ng	99
89) Benzo(k)fluoranthene	22.838	252	1226866	40.73	ng	99
90) Benzo(a)pyrene	23.362	252	1163862	40.41	ng	97
91) Dibenzo(a,h)anthracene	25.697	278	1252240	41.25	ng	99
92) Benzo(g,h,i)perylene	26.368	276	1189764	40.65	ng	100

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

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