Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029018.D
Acq On : 08 Mar 2021 14:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 08 15:08:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	9088	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	33022	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	19906	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	40607	20.00	ng		-0.01
76) Chrysene-d12	21.262	240	42232	20.00	ng		-0.01
86) Perylene-d12	23.415	264	42300	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	43674	79.66	ng		0.00
7) Phenol-d6	6.869	99	55507	76.65	ng		0.00
23) Nitrobenzene-d5	8.845	82	53136	86.81	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	18882	80.03	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	118108	78.99	ng		-0.01
79) Terphenyl-d14	19.709	244	173991	76.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	8858	42.97	ng	#	58
3) Pyridine	3.510	79	22574	41.49	ng	#	25
4) n-Nitrosodimethylamine	3.428	42	16917	55.66	ng	#	37
6) Aniline	7.010	93	29422	37.99	ng		99
8) 2-Chlorophenol	7.239	128	24596	37.77	ng		98
9) Benzaldehyde	6.822	77	13754	34.84	ng		84
10) Phenol	6.898	94	27168	37.75	ng		97
11) bis(2-Chloroethyl)ether	7.110	93	20575	37.69	ng		91
12) 1,3-Dichlorobenzene	7.557	146	27315	38.46	ng		95
13) 1,4-Dichlorobenzene	7.710	146	28134	39.06	ng		98
14) 1,2-Dichlorobenzene	8.022	146	27089	39.08	ng		99
15) Benzyl Alcohol	7.934	79	19588	37.82	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.204	45	36710	43.66	ng		69
17) 2-Methylphenol	8.139	107	18923	38.72	ng		91
18) Hexachloroethane	8.739	117	10850	41.45	ng		93
19) n-Nitroso-di-n-propyla...	8.492	70	16711	39.23	ng	#	44
20) 3+4-Methylphenols	8.475	107	25617	38.96	ng		94
22) Acetophenone	8.510	105	33734	41.89	ng	#	82
24) Nitrobenzene	8.892	77	26482	42.55	ng	#	87
25) Isophorone	9.410	82	45419	42.17	ng		96
26) 2-Nitrophenol	9.598	139	12801	40.72	ng		94
27) 2,4-Dimethylphenol	9.669	122	18894	40.06	ng		93
28) bis(2-Chloroethoxy)met...	9.898	93	24262	39.65	ng		98
29) 2,4-Dichlorophenol	10.133	162	22287	41.30	ng		98
30) 1,2,4-Trichlorobenzene	10.333	180	24888	42.06	ng		96
31) Naphthalene	10.516	128	73128	40.17	ng		99
32) Benzoic acid	9.839	122	14505	42.90	ng		90
33) 4-Chloroaniline	10.645	127	29248	39.97	ng		94
34) Hexachlorobutadiene	10.786	225	15426	43.48	ng		98
35) Caprolactam	11.445	113	6009	40.70	ng	#	43
36) 4-Chloro-3-methylphenol	11.792	107	23100	42.47	ng		97
37) 2-Methylnaphthalene	12.139	142	51559	40.25	ng		98
38) 1-Methylnaphthalene	12.357	142	48652	40.10	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	24376	39.17	ng		99
41) Hexachlorocyclopentadiene	12.474	237	10176	42.89	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	17497	40.11	ng		96

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44) 2,4,5-Trichlorophenol	12.851	196	18677	39.89	ng		95
46) 1,1'-Biphenyl	13.169	154	60767	38.06	ng		97
47) 2-Chloronaphthalene	13.210	162	50595	38.82	ng		98
48) 2-Nitroaniline	13.439	65	15673	44.72	ng		92
49) Acenaphthylene	14.063	152	79423	39.68	ng		99
50) Dimethylphthalate	13.816	163	62566	41.48	ng		99
51) 2,6-Dinitrotoluene	13.945	165	14077	40.02	ng		94
52) Acenaphthene	14.404	154	47447	38.66	ng		100
53) 3-Nitroaniline	14.274	138	13768	40.17	ng		89
54) 2,4-Dinitrophenol	14.498	184	6997	38.89	ng		87
55) Dibenzofuran	14.745	168	77374	40.15	ng		97
56) 4-Nitrophenol	14.610	139	10820	38.49	ng		93
57) 2,4-Dinitrotoluene	14.739	165	19797	43.09	ng	#	77
58) Fluorene	15.392	166	62093	40.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	15562	41.35	ng	#	86
60) Diethylphthalate	15.180	149	63618	41.92	ng		96
61) 4-Chlorophenyl-phenyle...	15.392	204	29977	40.68	ng		90
62) 4-Nitroaniline	15.445	138	13752	41.51	ng		98
63) Azobenzene	15.686	77	60950	43.52	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.504	198	11224	39.25	ng	#	68
66) n-Nitrosodiphenylamine	15.615	169	52781	38.00	ng		98
67) 4-Bromophenyl-phenylether	16.286	248	17345	38.07	ng		93
68) Hexachlorobenzene	16.392	284	19205	37.82	ng	#	90
69) Atrazine	16.568	200	17555	40.62	ng		98
70) Pentachlorophenol	16.745	266	10909	40.17	ng		96
71) Phenanthrene	17.127	178	94085	38.91	ng		99
72) Anthracene	17.221	178	93386	38.98	ng		99
73) Carbazole	17.504	167	91666	39.89	ng		98
74) Di-n-butylphthalate	18.051	149	110263	42.20	ng		99
75) Fluoranthene	19.145	202	108746	40.92	ng		99
77) Benzidine	19.345	184	49620	35.65	ng		99
78) Pyrene	19.503	202	114414	36.88	ng		99
80) Butylbenzylphthalate	20.409	149	52826	39.55	ng		96
81) Benzo(a)anthracene	21.244	228	115399	39.37	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	40537	40.04	ng	#	95
83) Chrysene	21.297	228	112713	39.46	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	79451	41.34	ng	#	95
85) Di-n-octyl phthalate	22.033	149	140550	43.10	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.579	276	129136	40.46	ng	#	92
88) Benzo(b)fluoranthene	22.774	252	119078	39.85	ng	#	96
89) Benzo(k)fluoranthene	22.821	252	113740	40.07	ng	#	97
90) Benzo(a)pyrene	23.327	252	109755	40.25	ng	#	98
91) Dibenzo(a,h)anthracene	25.585	278	111833	40.31	ng	#	96
92) Benzo(g,h,i)perylene	26.232	276	107575	40.16	ng	#	93

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

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