Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029066.D
Acq On : 10 Mar 2021 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 13:27:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	10072	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	38019	20.00	ng	#	0.00
39) Acenaphthene-d10	14.339	164	22255	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	44010	20.00	ng		0.00
76) Chrysene-d12	21.262	240	43158	20.00	ng		0.00
86) Perylene-d12	23.421	264	44900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	49012	80.66	ng		0.00
7) Phenol-d6	6.869	99	63120	78.64	ng		0.00
23) Nitrobenzene-d5	8.845	82	59416	84.32	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	21325	80.85	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	131875	78.89	ng		0.00
79) Terphenyl-d14	19.709	244	186576	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	9570	41.89	ng	#	61
3) Pyridine	3.505	79	25085	41.60	ng	#	36
4) n-Nitrosodimethylamine	3.422	42	16835	49.98	ng	#	43
6) Aniline	7.004	93	34952	40.72	ng		99
8) 2-Chlorophenol	7.234	128	28784	39.88	ng		98
9) Benzaldehyde	6.816	77	15812	36.15	ng		86
10) Phenol	6.893	94	31421	39.40	ng		93
11) bis(2-Chloroethyl)ether	7.110	93	23880	39.47	ng		92
12) 1,3-Dichlorobenzene	7.551	146	31293m	39.75	ng		
13) 1,4-Dichlorobenzene	7.704	146	31352	39.27	ng		97
14) 1,2-Dichlorobenzene	8.016	146	30414	39.59	ng		98
15) Benzyl Alcohol	7.928	79	25259	44.01	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.198	45	41246	44.27	ng		71
17) 2-Methylphenol	8.140	107	21405	39.52	ng	#	91
18) Hexachloroethane	8.728	117	11924	41.11	ng		92
19) n-Nitroso-di-n-propyla...	8.487	70	20029	42.42	ng	#	53
20) 3+4-Methylphenols	8.475	107	29700	40.76	ng		93
22) Acetophenone	8.504	105	38750	41.79	ng	#	84
24) Nitrobenzene	8.887	77	30193	42.14	ng	#	86
25) Isophorone	9.404	82	54516	43.97	ng		97
26) 2-Nitrophenol	9.592	139	15228	42.08	ng		90
27) 2,4-Dimethylphenol	9.663	122	22117	40.73	ng		90
28) bis(2-Chloroethoxy)met...	9.892	93	28350	40.24	ng		98
29) 2,4-Dichlorophenol	10.134	162	25039	40.30	ng		97
30) 1,2,4-Trichlorobenzene	10.328	180	27671	40.62	ng		97
31) Naphthalene	10.510	128	84020	40.08	ng		99
32) Benzoic acid	9.851	122	16159	41.51	ng	#	86
33) 4-Chloroaniline	10.645	127	33573	39.85	ng		93
34) Hexachlorobutadiene	10.775	225	17076	41.80	ng		99
35) Caprolactam	11.451	113	7321	43.07	ng	#	53
36) 4-Chloro-3-methylphenol	11.792	107	25749	41.12	ng		91
37) 2-Methylnaphthalene	12.133	142	58361	39.57	ng		98
38) 1-Methylnaphthalene	12.357	142	55205	39.52	ng		97
40) 1,2,4,5-Tetrachloroben...	12.510	216	27483	39.50	ng		99
41) Hexachlorocyclopentadiene	12.469	237	8508	32.08	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	19604	40.19	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	20474	39.11	ng	#	96
46) 1,1'-Biphenyl	13.163	154	68976	38.65	ng		98
47) 2-Chloronaphthalene	13.204	162	57551	39.50	ng		97
48) 2-Nitroaniline	13.433	65	17218	43.94	ng		89
49) Acenaphthylene	14.057	152	89895	40.17	ng		99
50) Dimethylphthalate	13.810	163	70257	41.66	ng		100
51) 2,6-Dinitrotoluene	13.939	165	16279	41.40	ng		94
52) Acenaphthene	14.404	154	53825	39.23	ng		98
53) 3-Nitroaniline	14.274	138	16167	42.20	ng		84
54) 2,4-Dinitrophenol	14.504	184	7640	37.98	ng		99
55) Dibenzofuran	14.739	168	86629	40.21	ng		97
56) 4-Nitrophenol	14.616	139	11136	35.43	ng		87
57) 2,4-Dinitrotoluene	14.739	165	22290	43.39	ng	#	79
58) Fluorene	15.392	166	69355	40.16	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	16918m	40.21	ng		
60) Diethylphthalate	15.174	149	71641	42.22	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	33449	40.60	ng		92
62) 4-Nitroaniline	15.445	138	15474	41.78	ng		91
63) Azobenzene	15.680	77	66840	42.69	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	12163	39.25	ng	#	74
66) n-Nitrosodiphenylamine	15.610	169	58599	38.92	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	19489	39.47	ng	#	89
68) Hexachlorobenzene	16.392	284	21505	39.08	ng		93
69) Atrazine	16.568	200	19697	42.05	ng		95
70) Pentachlorophenol	16.751	266	11341	38.53	ng		97
71) Phenanthrene	17.127	178	103861	39.63	ng		99
72) Anthracene	17.221	178	103807	39.98	ng		98
73) Carbazole	17.498	167	99576	39.98	ng		99
74) Di-n-butylphthalate	18.051	149	123302	43.54	ng		99
75) Fluoranthene	19.145	202	118661	41.20	ng		99
77) Benzidine	19.339	184	52954	37.23	ng		99
78) Pyrene	19.504	202	122497	38.64	ng		99
80) Butylbenzylphthalate	20.403	149	58661	42.98	ng	#	94
81) Benzo(a)anthracene	21.245	228	119868	40.02	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	42643	41.21	ng	#	99
83) Chrysene	21.298	228	116375	39.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	86931	44.26	ng	#	95
85) Di-n-octyl phthalate	22.027	149	151436	45.44	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.585	276	133761	39.48	ng	#	91
88) Benzo(b)fluoranthene	22.780	252	120815	38.09	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	118659	39.38	ng	#	97
90) Benzo(a)pyrene	23.327	252	112912	39.01	ng	#	96
91) Dibenzo(a,h)anthracene	25.591	278	116974	39.73	ng	#	95
92) Benzo(g,h,i)perylene	26.244	276	111914	39.36	ng	#	92

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

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