Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029086.D
Acq On : 11 Mar 2021 09:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/12/2021 12:03:10 PM

Quant Time: Mar 11 10:02:30 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	10392	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	38961	20.00	ng		# 0.00
39) Acenaphthene-d10	14.333	164	22325	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	43820	20.00	ng		0.00
76) Chrysene-d12	21.256	240	41935	20.00	ng		# 0.00
86) Perylene-d12	23.409	264	42636	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	49474	78.91	ng		-0.01
7) Phenol-d6	6.863	99	63782	77.02	ng		0.00
23) Nitrobenzene-d5	8.839	82	59437	82.31	ng		0.00
42) 2,4,6-Tribromophenol	15.833	330	21298	80.49	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	135611	80.87	ng		0.00
79) Terphenyl-d14	19.703	244	187571	82.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	9684	41.08	ng	#	63
3) Pyridine	3.499	79	25301	40.67	ng	#	34
4) n-Nitrosodimethylamine	3.422	42	16905	48.64	ng	#	48
6) Aniline	6.998	93	35095	39.63	ng		98
8) 2-Chlorophenol	7.228	128	28714	38.56	ng		99
9) Benzaldehyde	6.816	77	15678	34.74	ng	#	77
10) Phenol	6.887	94	32027	38.92	ng		92
11) bis(2-Chloroethyl)ether	7.104	93	24560	39.34	ng		93
12) 1,3-Dichlorobenzene	7.545	146	31994	39.39	ng	#	93
13) 1,4-Dichlorobenzene	7.698	146	32488	39.44	ng		95
14) 1,2-Dichlorobenzene	8.010	146	30958	39.06	ng		99
15) Benzyl Alcohol	7.928	79	25089	42.37	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.192	45	42439	44.14	ng		70
17) 2-Methylphenol	8.134	107	21702	38.83	ng	#	91
18) Hexachloroethane	8.722	117	12622	42.17	ng		93
19) n-Nitroso-di-n-propyla...	8.481	70	20108	41.28	ng	#	53
20) 3+4-Methylphenols	8.469	107	29478	39.21	ng		92
22) Acetophenone	8.498	105	38940	40.98	ng	#	83
24) Nitrobenzene	8.881	77	30637	41.72	ng	#	86
25) Isophorone	9.398	82	54220	42.67	ng		96
26) 2-Nitrophenol	9.586	139	15381	41.47	ng		89
27) 2,4-Dimethylphenol	9.657	122	21746	39.08	ng		94
28) bis(2-Chloroethoxy)met...	9.886	93	28767	39.84	ng		98
29) 2,4-Dichlorophenol	10.128	162	25155	39.51	ng		99
30) 1,2,4-Trichlorobenzene	10.322	180	28176	40.36	ng		98
31) Naphthalene	10.504	128	84569	39.37	ng		99
32) Benzoic acid	9.839	122	15243	38.21	ng	#	85
33) 4-Chloroaniline	10.639	127	33192	38.45	ng		93
34) Hexachlorobutadiene	10.769	225	17846	42.63	ng		96
35) Caprolactam	11.445	113	7264	41.70	ng	#	53
36) 4-Chloro-3-methylphenol	11.786	107	25875	40.32	ng		93
37) 2-Methylnaphthalene	12.127	142	60134	39.79	ng		99
38) 1-Methylnaphthalene	12.351	142	56866	39.73	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	27900	39.97	ng		99
41) Hexachlorocyclopentadiene	12.463	237	13906	52.26	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	19969	40.81	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	21149	40.27	ng		96
46) 1,1'-Biphenyl	13.157	154	70506	39.38	ng		99
47) 2-Chloronaphthalene	13.204	162	58129	39.77	ng		98
48) 2-Nitroaniline	13.427	65	17076	43.44	ng		96
49) Acenaphthylene	14.051	152	90621	40.37	ng		99
50) Dimethylphthalate	13.804	163	70992	41.96	ng		100
51) 2,6-Dinitrotoluene	13.939	165	16434	41.66	ng		93
52) Acenaphthene	14.398	154	53442	38.82	ng		98
53) 3-Nitroaniline	14.268	138	15936	41.46	ng		82
54) 2,4-Dinitrophenol	14.498	184	7439	36.87	ng		95
55) Dibenzofuran	14.733	168	87593	40.53	ng		97
56) 4-Nitrophenol	14.616	139	10754	34.11	ng	#	82
57) 2,4-Dinitrotoluene	14.733	165	22287	43.25	ng	#	76
58) Fluorene	15.386	166	69934	40.37	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.974	232	17438m	41.32	ng		
60) Diethylphthalate	15.168	149	72868	42.81	ng		97
61) 4-Chlorophenyl-phenyle...	15.380	204	33992	41.13	ng		93
62) 4-Nitroaniline	15.439	138	15580	41.93	ng		92
63) Azobenzene	15.674	77	67598	43.04	ng		84
65) 4,6-Dinitro-2-methylph...	15.504	198	11932	38.67	ng	#	69
66) n-Nitrosodiphenylamine	15.604	169	59323	39.58	ng		98
67) 4-Bromophenyl-phenylether	16.274	248	19813	40.30	ng	#	88
68) Hexachlorobenzene	16.386	284	21813	39.81	ng	#	87
69) Atrazine	16.562	200	19372	41.54	ng		99
70) Pentachlorophenol	16.745	266	11853	40.44	ng		96
71) Phenanthrene	17.121	178	102869	39.42	ng		99
72) Anthracene	17.215	178	104225	40.32	ng		98
73) Carbazole	17.498	167	98715	39.80	ng		99
74) Di-n-butylphthalate	18.045	149	124186	44.04	ng		100
75) Fluoranthene	19.139	202	116909	40.77	ng		98
77) Benzidine	19.333	184	48341	34.98	ng		99
78) Pyrene	19.498	202	119873	38.91	ng		100
80) Butylbenzylphthalate	20.397	149	58307	43.97	ng	#	95
81) Benzo(a)anthracene	21.239	228	117419	40.35	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	40865	40.65	ng		99
83) Chrysene	21.292	228	115309	40.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	86947	45.56	ng	#	96
85) Di-n-octyl phthalate	22.015	149	150712	46.54	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.568	276	128698	40.00	ng	#	91
88) Benzo(b)fluoranthene	22.768	252	122120	40.55	ng	#	97
89) Benzo(k)fluoranthene	22.809	252	110233	38.53	ng	#	97
90) Benzo(a)pyrene	23.321	252	107450	39.10	ng	#	97
91) Dibenzo(a,h)anthracene	25.568	278	112237	40.14	ng	#	94
92) Benzo(g,h,i)perylene	26.227	276	106018	39.27	ng	#	95

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

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