Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119840.D
Acq On : 8 Apr 2020 22:56
Operator : MA/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF040820

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:11 AM

Quant Time: Apr 09 01:24:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	192298	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	681373	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	364468	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	698592	20.00	ng		0.00
76) Chrysene-d12	13.94	240	462794	20.00	ng		0.00
87) Perylene-d12	15.37	264	441483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	830076	74.60	ng		0.00
7) Phenol-d6	6.40	99	1135721	79.21	ng		0.00
23) Nitrobenzene-d5	7.34	82	1028098	78.06	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	336622	75.44	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	1896167	73.87	ng		0.00
79) Terphenyl-d14	12.89	244	2242621	81.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	190668	38.472	ng		99
3) Pyridine	3.16	79	444282	32.673	ng		97
4) n-Nitrosodimethylamine	3.12	42	274192	39.466	ng		99
6) Aniline	6.43	93	775317	41.199	ng		99
8) 2-Chlorophenol	6.56	128	511544	41.145	ng		100
9) Benzaldehyde	6.32	77	342167	48.946	ng		100
10) Phenol	6.42	94	666201	40.956	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	503497	40.089	ng		99
12) 1,3-Dichlorobenzene	6.71	146	533234	39.176	ng		99
13) 1,4-Dichlorobenzene	6.79	146	540161	38.958	ng		99
14) 1,2-Dichlorobenzene	6.94	146	512524	40.110	ng		98
15) Benzyl Alcohol	6.92	79	454260	40.791	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	950815	38.904	ng		99
17) 2-Methylphenol	7.03	107	410910	37.035	ng		99
18) Hexachloroethane	7.29	117	206996	39.947	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	368237	39.939	ng		99
20) 3+4-Methylphenols	7.18	107	509617	37.556	ng		97
22) Acetophenone	7.19	105	735274	46.083	ng		98
24) Nitrobenzene	7.36	77	549547	41.477	ng		99
25) Isophorone	7.60	82	983435	38.734	ng		99
26) 2-Nitrophenol	7.67	139	265153	40.057	ng		92
27) 2,4-Dimethylphenol	7.71	122	408241	40.893	ng		100
28) bis(2-Chloroethoxy)methane	7.81	93	598266	40.044	ng		100
29) 2,4-Dichlorophenol	7.92	162	404172	39.497	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	439945	37.943	ng		99
31) Naphthalene	8.08	128	1397637	38.987	ng		99
32) Benzoic acid	7.85	122	346571m	39.528	ng		
33) 4-Chloroaniline	8.13	127	579886	37.157	ng		99
34) Hexachlorobutadiene	8.20	225	259643	37.408	ng		99
35) Caprolactam	8.51	113	125598	40.124	ng	#	86
36) 4-Chloro-3-methylphenol	8.61	107	435998	39.354	ng		99
37) 2-Methylnaphthalene	8.77	142	961000	39.540	ng		99
38) 1-Methylnaphthalene	8.87	142	879423	38.389	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	460817	40.031	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	264187	40.359	ng		96
43) 2,4,6-Trichlorophenol	9.05	196	306134	38.511	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	316194	35.317	ng		98
46) 1,1'-Biphenyl	9.24	154	1219046	39.627	ng		99
47) 2-Chloronaphthalene	9.26	162	894395	37.741	ng		98
48) 2-Nitroaniline	9.36	65	318476	37.084	ng		99
49) Acenaphthylene	9.67	152	1431646	39.723	ng		100
50) Dimethylphthalate	9.55	163	1060937	37.634	ng		99
51) 2,6-Dinitrotoluene	9.60	165	236286	38.275	ng	#	83
52) Acenaphthene	9.85	154	958639m	39.874	ng		
53) 3-Nitroaniline	9.77	138	260970	37.014	ng		97
54) 2,4-Dinitrophenol	9.87	184	140965	38.140	ng		94
55) Dibenzofuran	10.02	168	1332701	40.396	ng		99
56) 4-Nitrophenol	9.93	139	213640	40.724	ng		98
57) 2,4-Dinitrotoluene	10.00	165	329403	40.500	ng		98
58) Fluorene	10.36	166	1062866	40.284	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	293317	42.836	ng		98
60) Diethylphthalate	10.24	149	1197349	40.980	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	507351	37.518	ng		99
62) 4-Nitroaniline	10.39	138	291160	43.332	ng		99
63) Azobenzene	10.52	77	1101523	42.067	ng		100
65) 4,6-Dinitro-2-methylphenol	10.42	198	191802	41.674	ng		93
66) n-Nitrosodiphenylamine	10.47	169	964738	41.524	ng		99
67) 4-Bromophenyl-phenylether	10.85	248	316602	36.443	ng		98
68) Hexachlorobenzene	10.91	284	336150	38.141	ng		97
69) Atrazine	11.00	200	270488	41.844	ng		97
70) Pentachlorophenol	11.10	266	199362	39.253	ng		98
71) Phenanthrene	11.33	178	1494971	40.209	ng		99
72) Anthracene	11.38	178	1552834	40.884	ng		100
73) Carbazole	11.53	167	1452998	40.453	ng		100
74) Di-n-butylphthalate	11.87	149	1803926	38.205	ng		99
75) Fluoranthene	12.52	202	1668934	41.602	ng		97
77) Benzidine	12.63	184	611716	39.103	ng		99
78) Pyrene	12.74	202	1679735	43.054	ng		99
80) Butylbenzylphthalate	13.36	149	772787	40.821	ng		100
81) Benzo(a)anthracene	13.93	228	1217090	39.976	ng		100
82) 3,3'-Dichlorobenzidine	13.90	252	464540	40.893	ng		98
83) Chrysene	13.97	228	1224893	39.595	ng		100
84) Bis(2-ethylhexyl)phthalate	13.93	149	1030038	40.178	ng		99
85) Di-n-octyl phthalate	14.54	149	1793580	41.089	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1080765	39.633	ng		99
88) Benzo(b)fluoranthene	14.96	252	1225592	38.590	ng		99
89) Benzo(k)fluoranthene	15.00	252	1081835	39.480	ng		98
90) Benzo(a)pyrene	15.32	252	1153344	43.191	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	893627	37.780	ng		99
92) Benzo(g,h,i)perylene	17.23	276	869224	37.229	ng		100

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

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