Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119514.D
Acq On : 25 Mar 2020 20:26
Operator : CG/JU
Sample : L2028-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30-(8-8.5)MS

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:02 AM

Quant Time: Mar 26 03:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	361647	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1415157	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	757197	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1462637	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	986811	20.00	ng		0.00
87) Perylene-d12	15.49	264	879772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1993491	87.75	ng		0.00
7) Phenol-d6	6.47	99	2631526	90.68	ng		0.00
23) Nitrobenzene-d5	7.41	82	1646735	63.24	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	802263	102.70	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3207458	62.75	ng		-0.01
79) Terphenyl-d14	12.97	244	3517242	69.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	387115	34.502	ng		97
3) Pyridine	3.41	79	1083971	35.068	ng		97
4) n-Nitrosodimethylamine	3.37	42	622067	41.267	ng		98
6) Aniline	6.50	93	1316943	32.880	ng		99
8) 2-Chlorophenol	6.63	128	1208589	50.653	ng		99
9) Benzaldehyde	6.39	77	741731	40.290	ng		98
10) Phenol	6.49	94	1512874	48.857	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	1158844	46.792	ng		99
12) 1,3-Dichlorobenzene	6.79	146	1197221	46.361	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1216839	47.109	ng		100
14) 1,2-Dichlorobenzene	7.02	146	1137360	47.108	ng		98
15) Benzyl Alcohol	6.99	79	1015270	46.508	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2209924	44.239	ng		97
17) 2-Methylphenol	7.10	107	984179	45.019	ng		99
18) Hexachloroethane	7.36	117	476428	50.330	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	859097	49.114	ng		94
20) 3+4-Methylphenols	7.25	107	1159273	43.269	ng	#	85
22) Acetophenone	7.26	105	1564237	46.259	ng	#	92
24) Nitrobenzene	7.43	77	1262118	45.355	ng		98
25) Isophorone	7.67	82	2430828	46.020	ng		98
26) 2-Nitrophenol	7.75	139	649226	59.254	ng		99
27) 2,4-Dimethylphenol	7.78	122	1108831	48.942	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1519201	48.639	ng		98
29) 2,4-Dichlorophenol	7.99	162	1029587	49.459	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	1076914	46.778	ng		99
31) Naphthalene	8.15	128	3324696	45.653	ng		98
32) Benzoic acid	7.92	122	876590	60.150	ng		99
33) 4-Chloroaniline	8.20	127	519492	15.568	ng		96
34) Hexachlorobutadiene	8.27	225	630306	48.934	ng		98
35) Caprolactam	8.58	113	358266m	52.586	ng		
36) 4-Chloro-3-methylphenol	8.69	107	1109060	48.745	ng		99
37) 2-Methylnaphthalene	8.85	142	2351261	49.195	ng		99
38) 1-Methylnaphthalene	8.95	142	2224050	49.163	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	996703	44.909	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1253262	99.327	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	787836	49.604	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	794820	44.673	ng		98
46) 1,1'-Biphenyl	9.32	154	2773413	44.972	ng		99
47) 2-Chloronaphthalene	9.34	162	2183781	45.207	ng		97
48) 2-Nitroaniline	9.43	65	794797	47.668	ng		95
49) Acenaphthylene	9.76	152	3363650	44.341	ng		98
50) Dimethylphthalate	9.62	163	2896404	53.852	ng		99
51) 2,6-Dinitrotoluene	9.67	165	599078	51.966	ng		97
52) Acenaphthene	9.93	154	2407278	50.903	ng		99
53) 3-Nitroaniline	9.84	138	344611	23.678	ng		98
54) 2,4-Dinitrophenol	9.95	184	630350	122.150	ng		95
55) Dibenzofuran	10.10	168	3024090	44.600	ng		96
56) 4-Nitrophenol	10.01	139	997487	86.878	ng		88
57) 2,4-Dinitrotoluene	10.08	165	789570	54.369	ng	#	87
58) Fluorene	10.45	166	2307533	46.021	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	674024	50.681	ng		98
60) Diethylphthalate	10.32	149	2668840	48.891	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	1138563	46.435	ng		99
62) 4-Nitroaniline	10.47	138	620719	44.475	ng		98
63) Azobenzene	10.60	77	2535118	46.118	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	412382	67.237	ng		98
66) n-Nitrosodiphenylamine	10.56	169	2196906	45.754	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	774435	46.492	ng		93
68) Hexachlorobenzene	10.99	284	831618	48.779	ng	#	92
69) Atrazine	11.09	200	663918	50.436	ng		99
70) Pentachlorophenol	11.19	266	936534	93.686	ng		98
71) Phenanthrene	11.40	178	3315168	43.712	ng		98
72) Anthracene	11.46	178	3428979	44.485	ng		98
73) Carbazole	11.61	167	3177448	41.647	ng		98
74) Di-n-butylphthalate	11.94	149	4068489	49.850	ng	#	97
75) Fluoranthene	12.59	202	3561078	43.386	ng		98
77) Benzidine	12.72	184	2033590	48.695	ng		98
78) Pyrene	12.83	202	3578542	44.187	ng		99
80) Butylbenzylphthalate	13.44	149	1826185	55.752	ng		99
81) Benzo(a)anthracene	14.02	228	2786243	43.419	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	806437	31.873	ng		96
83) Chrysene	14.05	228	2858450	43.162	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2365234	60.574	ng		99
85) Di-n-octyl phthalate	14.62	149	4121696	60.019	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2627590	42.127	ng		97
88) Benzo(b)fluoranthene	15.06	252	2986200	50.813	ng		100
89) Benzo(k)fluoranthene	15.10	252	2430380	43.431	ng		98
90) Benzo(a)pyrene	15.43	252	2397035	44.881	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	2198711	47.067	ng		99
92) Benzo(g,h,i)perylene	17.41	276	2144448	45.694	ng		95

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

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