Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120092.D
Acq On : 20 Apr 2020 21:51
Operator : MA/SJ
Sample : L2314-17MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Manual Integrations APPROVED
mohammad
4/21/2020 2:55:11 PM

Quant Time: Apr 21 06:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146636	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	558895	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	267855	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	476547	20.00	ng		0.00
76) Chrysene-d12	13.89	240	330245	20.00	ng		0.00
87) Perylene-d12	15.32	264	294469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	712336	83.95	ng		0.01
7) Phenol-d6	6.36	99	963444	88.12	ng		0.00
23) Nitrobenzene-d5	7.29	82	649548	60.12	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	250789	76.47	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1279790	67.84	ng		0.00
79) Terphenyl-d14	12.83	244	1255738	63.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	141682	37.490	ng		96
3) Pyridine	3.08	79	420661	40.570	ng		99
4) n-Nitrosodimethylamine	3.05	42	254540	48.047	ng		100
6) Aniline	6.38	93	353994	24.668	ng	#	1
8) 2-Chlorophenol	6.50	128	499823	52.721	ng		97
9) Benzaldehyde	6.26	77	210976	33.534	ng		96
10) Phenol	6.38	94	635931	51.269	ng		93
11) bis(2-Chloroethyl)ether	6.45	93	484198	50.558	ng		99
12) 1,3-Dichlorobenzene	6.66	146	495784	47.767	ng		99
13) 1,4-Dichlorobenzene	6.73	146	500480	47.336	ng		99
14) 1,2-Dichlorobenzene	6.89	146	474658	48.713	ng		97
15) Benzyl Alcohol	6.87	79	413502	48.694	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	816346	43.804	ng		87
17) 2-Methylphenol	6.99	107	399860	47.262	ng		95
18) Hexachloroethane	7.23	117	185082	46.840	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	345830	49.189	ng		99
20) 3+4-Methylphenols	7.14	107	511263	49.409	ng	#	82
22) Acetophenone	7.13	105	700506	53.525	ng	#	94
24) Nitrobenzene	7.30	77	529148	48.690	ng		99
25) Isophorone	7.55	82	957589	45.981	ng		99
26) 2-Nitrophenol	7.62	139	271577	50.018	ng		98
27) 2,4-Dimethylphenol	7.67	122	427669	52.226	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	600564	49.007	ng		99
29) 2,4-Dichlorophenol	7.87	162	414563	49.390	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	440753	46.343	ng		98
31) Naphthalene	8.03	128	1514120	51.492	ng		100
32) Benzoic acid	7.82	122	355441	49.423	ng		94
33) 4-Chloroaniline	8.08	127	176967	13.824	ng		99
34) Hexachlorobutadiene	8.14	225	256506	45.055	ng		98
35) Caprolactam	8.46	113	136840m	53.295	ng		
36) 4-Chloro-3-methylphenol	8.57	107	455249	50.096	ng		98
37) 2-Methylnaphthalene	8.72	142	974653	48.890	ng		100
38) 1-Methylnaphthalene	8.82	142	913250	48.602	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	424806	50.213	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	163142	33.912	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	297262	50.883	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	318736	48.441	ng		100
46) 1,1'-Biphenyl	9.19	154	1138924	50.376	ng		99
47) 2-Chloronaphthalene	9.21	162	876219	50.310	ng		99
48) 2-Nitroaniline	9.31	65	314668	49.857	ng		98
49) Acenaphthylene	9.62	152	1371959	51.797	ng		99
50) Dimethylphthalate	9.49	163	1296767	62.591	ng		100
51) 2,6-Dinitrotoluene	9.56	165	234173	51.615	ng	#	80
52) Acenaphthene	9.80	154	955746m	54.093	ng		
53) 3-Nitroaniline	9.72	138	133567	25.777	ng		97
54) 2,4-Dinitrophenol	9.83	184	218992	80.622	ng		93
55) Dibenzofuran	9.97	168	1224911	50.521	ng		99
56) 4-Nitrophenol	9.90	139	371604	96.386	ng		95
57) 2,4-Dinitrotoluene	9.96	165	290337	48.572	ng		94
58) Fluorene	10.31	166	968330	49.938	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252094	50.094	ng		99
60) Diethylphthalate	10.19	149	1056707	49.211	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	458061	46.090	ng		97
62) 4-Nitroaniline	10.34	138	231232	46.826	ng		97
63) Azobenzene	10.46	77	959671	49.869	ng		99
65) 4,6-Dinitro-2-methylphenol	10.37	198	147771	47.068	ng		77
66) n-Nitrosodiphenylamine	10.43	169	862175	54.401	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	275703	46.522	ng		96
68) Hexachlorobenzene	10.86	284	287199	47.771	ng		97
69) Atrazine	10.96	200	237755	53.918	ng		96
70) Pentachlorophenol	11.06	266	307696	88.811	ng		98
71) Phenanthrene	11.27	178	1418144	55.915	ng		99
72) Anthracene	11.33	178	1351830	52.176	ng		100
73) Carbazole	11.49	167	1209130	49.349	ng		99
74) Di-n-butylphthalate	11.82	149	1527221	47.415	ng		100
75) Fluoranthene	12.46	202	1551924	56.711	ng		99
77) Benzidine	12.59	184	451691	40.462	ng		96
78) Pyrene	12.69	202	1529163	54.926	ng		99
80) Butylbenzylphthalate	13.32	149	649397	48.071	ng		99
81) Benzo(a)anthracene	13.89	228	1202193	55.335	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	241058	29.737	ng		97
83) Chrysene	13.92	228	1200735	54.393	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	875828	47.875	ng	#	98
85) Di-n-octyl phthalate	14.49	149	1474035	47.323	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	915231	47.034	ng		99
88) Benzo(b)fluoranthene	14.92	252	1175308	55.483	ng	#	98
89) Benzo(k)fluoranthene	14.94	252	1057082	57.835	ng		98
90) Benzo(a)pyrene	15.26	252	1046389	58.750	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	716164	45.393	ng		99
92) Benzo(g,h,i)perylene	17.14	276	780643	50.127	ng		98

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

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