Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119546.D
Acq On : 26 Mar 2020 22:53
Operator : CG/JU
Sample : L1753-16MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Manual Integrations APPROVED
mohammad
3/30/2020 8:50:48 AM

Quant Time: Mar 27 02:33:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292659	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1141308	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	598146	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1151704	20.00	ng		0.00
76) Chrysene-d12	14.02	240	818871	20.00	ng		0.00
87) Perylene-d12	15.48	264	753483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2310836	125.70	ng		0.02
7) Phenol-d6	6.46	99	2588679	110.23	ng		0.00
23) Nitrobenzene-d5	7.40	82	2025711	96.46	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	970748	157.31	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3811127	94.39	ng		0.00
79) Terphenyl-d14	12.96	244	4158726	99.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	344366	37.927	ng	#	83
3) Pyridine	3.52	79	821228	32.830	ng		97
4) n-Nitrosodimethylamine	3.43	42	514046	42.140	ng		97
6) Aniline	6.50	93	341518	10.537	ng		98
8) 2-Chlorophenol	6.62	128	995879	51.577	ng		98
9) Benzaldehyde	6.38	77	596705	40.053	ng		98
10) Phenol	6.47	94	1012037	40.387	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	1010924	50.441	ng		98
12) 1,3-Dichlorobenzene	6.77	146	944901	45.215	ng		99
13) 1,4-Dichlorobenzene	6.85	146	961303	45.989	ng		98
14) 1,2-Dichlorobenzene	7.00	146	901921	46.162	ng		99
15) Benzyl Alcohol	6.97	79	852703	48.269	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1806895	44.697	ng		97
17) 2-Methylphenol	7.09	107	806112	45.566	ng		97
18) Hexachloroethane	7.35	117	358292	46.773	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	717335	50.676	ng		96
20) 3+4-Methylphenols	7.24	107	947696m	43.711	ng		
22) Acetophenone	7.25	105	1363513	49.998	ng	#	89
24) Nitrobenzene	7.42	77	1080140	48.129	ng		99
25) Isophorone	7.66	82	2020207	47.424	ng		98
26) 2-Nitrophenol	7.73	139	529194	59.887	ng		97
27) 2,4-Dimethylphenol	7.77	122	924882	50.618	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	1276407	50.671	ng		100
29) 2,4-Dichlorophenol	7.97	162	856241	51.001	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	883251	47.572	ng		98
31) Naphthalene	8.15	128	2835593	48.279	ng		99
32) Benzoic acid	7.90	122	604590	51.440	ng		97
33) 4-Chloroaniline	8.19	127	135345	5.029	ng		96
34) Hexachlorobutadiene	8.26	225	489030	47.076	ng		99
35) Caprolactam	8.57	113	219398m	39.930	ng		
36) 4-Chloro-3-methylphenol	8.67	107	949691	51.756	ng		98
37) 2-Methylnaphthalene	8.84	142	1983352	51.454	ng		100
38) 1-Methylnaphthalene	8.94	142	1888589	51.764	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	849716	48.466	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	936472	93.955	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	715033	56.991	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	631651	44.942	ng		99
46) 1,1'-Biphenyl	9.30	154	2377848	48.810	ng		100
47) 2-Chloronaphthalene	9.33	162	1842728	48.290	ng		99
48) 2-Nitroaniline	9.42	65	681349	51.730	ng		98
49) Acenaphthylene	9.75	152	2914400	48.634	ng		99
50) Dimethylphthalate	9.61	163	1993670	46.925	ng		98
51) 2,6-Dinitrotoluene	9.67	165	468797	51.478	ng		94
52) Acenaphthene	9.92	154	1815442	48.596	ng		100
53) 3-Nitroaniline	9.83	138	159242	13.851	ng		98
54) 2,4-Dinitrophenol	9.95	184	533459	130.343	ng		95
55) Dibenzofuran	10.09	168	2637348	49.239	ng		97
56) 4-Nitrophenol	10.00	139	773114	85.241	ng		91
57) 2,4-Dinitrotoluene	10.07	165	625068	54.486	ng	#	86
58) Fluorene	10.43	166	2051596	51.797	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	551907	52.534	ng		98
60) Diethylphthalate	10.32	149	2271816	52.684	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	979641	50.578	ng		99
62) 4-Nitroaniline	10.46	138	489597	44.408	ng		99
63) Azobenzene	10.59	77	2144097	49.376	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	346765	71.803	ng		88
66) n-Nitrosodiphenylamine	10.55	169	1889540	49.976	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	650065	49.561	ng		99
68) Hexachlorobenzene	10.98	284	708585	52.783	ng		98
69) Atrazine	11.07	200	588966	56.821	ng		100
70) Pentachlorophenol	11.17	266	813059	103.292	ng		98
71) Phenanthrene	11.40	178	2956573	49.508	ng		98
72) Anthracene	11.45	178	2995272	49.350	ng		99
73) Carbazole	11.60	167	2836173	47.210	ng		97
74) Di-n-butylphthalate	11.94	149	3428680	53.352	ng		99
75) Fluoranthene	12.59	202	3202359	49.549	ng		98
77) Benzidine	12.70	184	476719	13.756	ng		97
78) Pyrene	12.82	202	3245822	48.298	ng		99
80) Butylbenzylphthalate	13.44	149	1497468	55.092	ng		99
81) Benzo(a)anthracene	14.01	228	2527594	47.467	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	331005	15.765	ng		96
83) Chrysene	14.04	228	2632028	47.893	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1883987	58.144	ng		100
85) Di-n-octyl phthalate	14.62	149	3357074	58.911	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2360564	45.608	ng		98
88) Benzo(b)fluoranthene	15.06	252	2558995	50.842	ng		99
89) Benzo(k)fluoranthene	15.09	252	2461735	51.364	ng		99
90) Benzo(a)pyrene	15.43	252	2213747	48.397	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	1950279	48.747	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1953344	48.598	ng		97

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

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