Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119199.D
Acq On : 4 Mar 2020 17:23
Operator : CG/JU
Sample : L1739-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMSD

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:34 PM

Quant Time: Mar 05 05:55:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	130830	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	500770	20.00	ng		-0.01
39) Acenaphthene-d10	9.78	164	266395	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	446320	20.00	ng		0.00
76) Chrysene-d12	13.90	240	241998	20.00	ng		0.00
87) Perylene-d12	15.33	264	277144	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	857067	109.48	ng		0.02
7) Phenol-d6	6.41	99	1027472	107.92	ng		0.00
23) Nitrobenzene-d5	7.31	82	697234	73.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	339296	97.36	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1366545	75.57	ng		-0.01
79) Terphenyl-d14	12.84	244	1307019	92.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	127464	36.569	ng		98
3) Pyridine	3.24	79	307578	32.311	ng		100
4) n-Nitrosodimethylamine	3.18	42	132023	45.783	ng		96
6) Aniline	6.41	93	274851	23.395	ng	#	80
8) 2-Chlorophenol	6.54	128	401692	47.546	ng		99
9) Benzaldehyde	6.29	77	308959	48.570	ng		99
10) Phenol	6.42	94	461124	44.796	ng	#	78
11) bis(2-Chloroethyl)ether	6.47	93	358384	45.501	ng		96
12) 1,3-Dichlorobenzene	6.68	146	434025	42.862	ng		97
13) 1,4-Dichlorobenzene	6.76	146	434934	42.922	ng		99
14) 1,2-Dichlorobenzene	6.92	146	408184	44.169	ng		98
15) Benzyl Alcohol	6.90	79	329560	47.893	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	291312	42.696	ng	#	47
17) 2-Methylphenol	7.02	107	313077	45.707	ng		93
18) Hexachloroethane	7.25	117	146053	40.287	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	272828	49.177	ng		97
20) 3+4-Methylphenols	7.17	107	418161	49.829	ng	#	82
22) Acetophenone	7.16	105	540294	46.631	ng	#	95
24) Nitrobenzene	7.33	77	406931	43.387	ng		97
25) Isophorone	7.57	82	729227	44.272	ng		99
26) 2-Nitrophenol	7.65	139	214594	43.183	ng		99
27) 2,4-Dimethylphenol	7.69	122	335600	49.760	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	446091	41.608	ng		99
29) 2,4-Dichlorophenol	7.90	162	340175	42.844	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	378310	40.187	ng		99
31) Naphthalene	8.05	128	1122048	43.204	ng		99
32) Benzoic acid	7.86	122	201102	41.858	ng		97
33) 4-Chloroaniline	8.10	127	133219	11.926	ng		98
34) Hexachlorobutadiene	8.16	225	232525	39.654	ng		99
35) Caprolactam	8.49	113	96950m	39.656	ng		
36) 4-Chloro-3-methylphenol	8.60	107	356001	44.304	ng		98
37) 2-Methylnaphthalene	8.74	142	768857	43.991	ng		99
38) 1-Methylnaphthalene	8.84	142	720526	43.836	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	382861	42.627	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	77118	30.213	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	242870	42.820	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	248211	41.703	ng		99
46) 1,1'-Biphenyl	9.20	154	921615	42.806	ng		98
47) 2-Chloronaphthalene	9.23	162	724160	41.738	ng		99
48) 2-Nitroaniline	9.33	65	206947	42.764	ng		95
49) Acenaphthylene	9.64	152	1097475	43.796	ng		99
50) Dimethylphthalate	9.50	163	983415	48.276	ng		99
51) 2,6-Dinitrotoluene	9.57	165	197743	43.693	ng		99
52) Acenaphthene	9.81	154	647400	42.846	ng		99
53) 3-Nitroaniline	9.74	138	91222	18.181	ng		96
54) 2,4-Dinitrophenol	9.86	184	73380	37.718	ng	#	90
55) Dibenzofuran	9.99	168	955083	42.348	ng		99
56) 4-Nitrophenol	9.94	139	176935	58.694	ng		100
57) 2,4-Dinitrotoluene	9.98	165	241528	41.172	ng		92
58) Fluorene	10.33	166	760845	43.415	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	202300	40.281	ng		99
60) Diethylphthalate	10.20	149	858941	44.744	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	405402	43.703	ng		97
62) 4-Nitroaniline	10.36	138	141948	27.652	ng		95
63) Azobenzene	10.48	77	733812	43.977	ng		99
65) 4,6-Dinitro-2-methylphenol	10.40	198	71480	26.467	ng		95
66) n-Nitrosodiphenylamine	10.44	169	688999	47.146	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	259767	44.527	ng		97
68) Hexachlorobenzene	10.88	284	281817	41.898	ng		95
69) Atrazine	10.97	200	227001	44.457	ng		99
70) Pentachlorophenol	11.09	266	190662	70.368	ng		99
71) Phenanthrene	11.29	178	1041888	42.805	ng		98
72) Anthracene	11.34	178	1084969	44.612	ng		99
73) Carbazole	11.50	167	901863	41.626	ng		98
74) Di-n-butylphthalate	11.82	149	1229889	46.875	ng		99
75) Fluoranthene	12.47	202	952322	36.860	ng		98
77) Benzidine	12.60	184	530343	53.886	ng		98
78) Pyrene	12.70	202	918882	47.287	ng		98
80) Butylbenzylphthalate	13.31	149	408528	49.952	ng		94
81) Benzo(a)anthracene	13.89	228	742687	45.042	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	251896	39.342	ng		99
83) Chrysene	13.93	228	693603	42.216	ng		98
84) Bis(2-ethylhexyl)phthalate	13.87	149	545927	52.837	ng		98
85) Di-n-octyl phthalate	14.48	149	807695	49.063	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	791402	49.747	ng		99
88) Benzo(b)fluoranthene	14.93	252	777441	42.558	ng		98
89) Benzo(k)fluoranthene	14.95	252	689002	40.699	ng		100
90) Benzo(a)pyrene	15.27	252	683278	41.443	ng		98
91) Dibenzo(a,h)anthracene	16.76	278	682547	47.050	ng		100
92) Benzo(g,h,i)perylene	17.17	276	624474	43.568	ng		100

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

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